

EPA Registration No.
53883-276
vol. 1

ISB'S Front-end PRIA Completeness Screen

Draft 3; 10/25/07

EPA Receipt Date: JUN - 9 2010		EPA Reg. Number:		
	Check List Item	Yes	No	N/A
1	Has the PRIA Fee been Paid ; is a copy of the check or Pay.gov receipt included in the Submission Package?			
2	Is an Application Form (EPA Form 8570-1) Included in the Submission Package, is it completely filled out and signed including package type?			
3	Is a Confidential Statement of Formula (EPA Form 8570-29) Included in the Submission Package, is it completely filled out and signed (boxes 1-21)?			
4	Is a Formulator's Exemption Statement (EPA Form 8570-27) Included in the Submission Package?			
5	Is a Certification with Respect to Citation of Data (EPA Form 8570-34) Included in the Submission Package?			
6	Is a Data Matrix (EPA Form 8570-35) Included in the Submission Package?			
7	Is a Label Included in the Submission Package?			
8	Are Data Included in the Submission Package?			
9	Is the Submission an Amendment?			



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505C)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

53883-276

Date of Issuance:

DEC 08 2011

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Delta 4.75% SC

Name and Address of Registrant (include ZIP Code):

Control Solutions, Inc.
c/o Biologic, Inc.
115 Obtuse Hill Road
Brookfield, CT 06804

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered//reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with section 3(c)(7)(A) of FIFRA provided that you:

1. Submit and/or cite all data required for registration of your product under section 3(c)(5) of FIFRA when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under section 4 of FIFRA.
2. Submit within 12 months of the date of issuance of this Registration Notice, acceptable guideline studies for Storage Stability study (OPPTS GLN: 830.6317) and Corrosion Characteristics study (OPTS GLN: 830.6320) for this product.

(continued on page 2)

Signature of Approving Official:

See page 2

Mark Suarez, Product Manager (13)
Insecticide Branch, Registration Division (7505P)

Date:

3. Submit within **3 months** of the date of issuance of this Registration Notice, acceptable Description of the Formulation Process to satisfy the data requirement guideline 830.1550

Enclosed is a copy of your label stamped with comments.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Submit two copies of your final printed labeling before you release the product for shipment.

If you have any questions, please contact Mr. Driss Benmhend, at (703) 308-9525 or via email at benmhend.driss@epa.gov.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'Mark Suarez', with a large, stylized flourish at the end.

Mark Suarez
Product Manager 13
Insecticide Branch
Registration Division (7505P)

Enclosure: Label Stamped "with Comments"

Delta 4.75% SC

INSECTICIDE

[Alt. Brand Name: D-FENSE™ SC]

[Alt. Brand Name: D-FENSE™ SC Insecticide]

[Optional Generic Descriptor: Insecticide]

ACCEPTED
with COMMENTS
In EPA Letter Dated
DEC 08 2011
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
53883-276

**For Use by Pest Control Operators and/or Commercial Applicators
For Residential, Industrial and Institutional Use**

- *Provides Control of Listed Insect/Pests in and around the Home*
- *For Insect Control on Commercial and Residential Turf and Landscape Ornamental Plants*
- *For crack and crevice and spot applications in homes, hotels, schools and all types of food handling establishments.*
- *Controls ants, bedbugs, cockroaches, fleas, flies, silverfish, spiders and many other listed pests.*
- *Mattress application for bedbugs and lice.*
- *Broadcast spray for lawns and turfgrass to control fleas, ticks and other listed insects.*
- *Concentrated suspension of pure micro-crystals*
- *Long lasting residual*
- *For use on Paints, Plastics, Fabrics and other surfaces*

ACTIVE INGREDIENT:

*Deltamethrin4.75%

OTHER INGREDIENTS :95.25%

100.00%

*Contains 0.42 lb deltamethrin per gallon.

Reg. No.: 53883-276

EPA Est. No. : XXXXX-XX-XXX

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUCION AL USARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada amplimente. **(TO THE USER:** If you cannot read English, do not use this product until the label has been fully explained to you.)

See [side panel] [inside booklet] for additional Precautionary Statements, Storage and Disposal instructions and Directions for Use.

Manufactured By:
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507

NET CONTENTS: 1 Pint or 1 Gallon

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION

Harmful if inhaled. Avoid breathing vapor or spray mist. Contact with product may result in transient tingling and reddening of the skin. Remove contaminated clothing and wash before reuse.

FIRST AID	
If Inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact SafetyCall® (866) 897-8050 for emergency medical treatment information.	

Environmental Hazards

This product is extremely toxic to fresh water and estuarine fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This pesticide is highly toxic to bees exposed to direct treatment. Do not apply or allow it to drift to crops or weeds on which bees are actively foraging.

Physical and Chemical Hazards

Do not use water-based sprays of Delta 4.75% SC in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

RESTRICTIONS:

1. DO NOT apply Delta 4.75% SC through any type of irrigation system.
2. DO NOT water the treated area to the point of run-off.
3. DO NOT make applications during rain.
4. DO NOT apply this product to edible crops.
5. DO NOT apply this product in hospital patient rooms while occupied or in any rooms occupied by the elderly or infirm.
6. DO NOT apply in classrooms when in use.
7. DO NOT apply to institutions (including libraries, sport facilities, etc.) in the immediate area when occupants are present.
8. Do not apply this product more than once every 21 days.

All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

- a. Treatment to soil or vegetation around structures;
- b. Applications to lawns, turf, and other vegetation;
- c. Applications to building foundations, up to a maximum height of 3 feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow this product to enter any drain during or after application.

PRODUCT INFORMATION

Delta 4.75% SC is a suspension concentrate insecticide for use both indoors and outdoors for effective knockdown and long residual control of listed pests.

Mixing Instructions

Mix Delta 4.75% SC with water and apply using a hand pressurized or power operated sprayer, such as Actisol or similar equipment. For outdoor broadcast application, apply as a coarse spray or with conventional hydraulic boom-type sprayer or other suitable equipment. Shake container well before using.

Dilution Instructions:

- add half the water to the spray tank;
- add Delta 4.75% SC as specified in the appropriate application rates table;
- agitate well;
- add the remaining water slowly to avoid excess foam;
- thoroughly agitate the sprayer before using to insure proper suspension.

Note: If spraying is stopped when using a back-pack or hand-held spray equipment, reinvert sprayer before use. If spray screens are used, they must be 50 mesh or larger. Dilute Delta 4.75% SC only with water. Only prepare the spray solution when ready to make applications.

Tank Mixing: Tank mix Delta 4.75% SC with other currently registered pesticides unless prohibited by the product label. To check for product compatibility, a small volume mixing test with other products is recommended. Follow all restrictions and precautions specified on the labels of these tank-mix products.

PEST CONTROL INDOORS

Delta 4.75% SC may be applied in and around residential and non-residential buildings including residential kitchens and all types of food/feed handling establishments.

Mix Delta 4.75% SC with water and apply indoors as a crack and crevice, spot or general surface treatment with hand pressurized or power operated sprayers or other suitable equipment.

For residential buildings and structures - apply only as a crack and crevice or spot treatment.

Approved use sites include the food/feed and non-food/non-feed areas of:

Aircraft (cargo only)
Apartment buildings
Bakeries
Bottling facilities
Breweries
Buses
Cafeterias
Candy plants
Canneries
Dairy product processing plants
Food manufacturing plants
Food processing plants
Food service establishments
Granaries & grain mills
Hospitals
Hotels
Houses

Industrial buildings
Installations
Kitchens
Laboratories
Mausoleums
Meat, poultry & egg processing & packaging plants
Mobile & motor homes
Nursing homes
Offices
Railcars
Restaurants
Schools
Ships & vessels
Trailers
Trucks
Warehouses
Wineries

Crack and Crevice: Apply Delta 4.75% SC spray mixture to cracks and crevices in and around baseboards, floors, walls, appliances, areas around water and sewer pipes, and other voids with a low pressure system using a pinpoint or variable pattern nozzle.

Spot Treatment: Apply Delta 4.75% SC as a spot treatment in and around cupboards, and between, beneath and behind equipment or appliances using a low pressure system with fan-type nozzle.

To control of carpet beetles, fleas and ticks indoors: Apply as a coarse, low pressure crack and crevice spot treatment to problem areas and infested habitats.

Restrictions:

- Do not treat entire area of floor, carpet or floor coverings.
- Do not apply as a space spray.
- Do not make applications to areas where prolonged contact by humans can occur.
- Limit spot treatment to pet beds and infested floor coverings.

Application Rates			
Pests	Concentration of Active Ingredient ¹	Dilution Rate ²	Use Instructions
ants, carpet beetles, firebrats, fleas, gnats, midges, centipedes, millipedes, pantry pests, silverfish, ticks (indoors)	0.01% - 0.03%w/w	0.25-0.75 fl. oz./gal 12.5-37.5 fl. oz./50 gals 25-75 fl. oz./100 gals	Apply at 21-day intervals. Remove pets and cover aquariums and terrariums before spraying. Do not apply to classrooms when in use. Do not use in aircraft cabins. Treat areas that insects inhabit or where they are normally found. Use 0.25 to 1.5 fluid ounces of Delta 4.75% SC in sufficient amount of water and apply to adequately cover 1000 square feet. Do not allow dripping or run-off to occur. Under conditions of severe pest infestation, when quick knockdown and/or longer residual control is desired, use 1.5 ounces of 0.06% Delta 4.75% SC per 1,000 sq. ft.
Bees, bedbugs, boxelder bugs, fleas (outdoors), ticks (outdoors), cecid flies, cockroaches, crickets, flies (including such flies as stable, house, cluster and horseflies), elm leaf beetles, ground beetles, moths, midges, hornets, killer bees, lice, mosquitoes, Multicolored Asian Lady Beetle, pillbugs, scorpions, sowbugs, spiders, yellowjackets, wasps	0.03% - 0.06%w/w	0.75-1.5 fl. oz./gal 37.5-75 fl. oz./50 gals 75-150 fl. oz./100 gals	
Termites (Formosan & Eastern subterranean - localized control only)	0.06% w/w	1.5 fl. oz./ gal 75 fl. oz./50 gals 150 fl. oz./100 gals	
Carpenter ants	0.03% w/w	0.75 fl. oz./gal 37.5 fl. oz./50 gals 75 fl. oz./100 gals	

¹The specified rate for maintenance treatments is 0.01% and for cleanout treatments is 0.03%. For control of severe infestations and longer residual control use the 0.06% rate. More frequent applications may be needed on concrete surfaces.

² 0.25 fl. oz.= 7.5 milliliters
0.75 fl. oz.= 22.7 milliliters
1.5 fl. oz.= 45.4 milliliters

Premise Pest Control

To control Cockroaches, Ants, Crickets, Silverfish, Firebrats, Centipedes, Millipedes, Cloth Moths, Earwigs, Pillbugs, Sowbugs, Scorpions and Spiders

Use Instructions: Apply as a coarse, low pressure spot or crack and crevice spray to areas that these pests are found especially dark corners of rooms and closets; floor drains; cracks and crevices in walls; along and behind baseboards; beneath and behind sinks, stoves, refrigerators, and cabinets; around plumbing and other utility installations; doors, windows and in attics and crawl spaces. Make applications to floor surfaces along baseboards and around air ducts. Allow surfaces to dry before children or pets come into contact.

Pantry Pest Control

To kill adult and manageable stages of insect pests such as Lesser Grain Borers, Grain Weevils, Flour Beetles, Saw-toothed Grain Beetles, Cigarette Beetles, Merchant Grain Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Grain Mites and Spider Mites.

Application Instructions: Apply to cupboards, shelving and storage areas. Before spraying, remove all foodstuffs, utensils, shelf paper and other objects. Allow treated surfaces to dry and cover shelves with clean paper prior to replacing foodstuffs, utensils or other items. Discard any foodstuff accidentally contaminated with any spray solution.

Crawling and Flying Insect Pests

Delta 4.75% SC controls crawling and flying insects such as flies, gnats, midges, mosquitoes, cockroaches, ants and silverfish.

Application Instructions: Use as a residual surface treatment to walls, ceilings, window screens and other resting areas inside residential buildings, as well as in and around carports, garages, storage sheds, unoccupied horse stables and pet kennels.

Ants (including Pharaoh Ants): Delta 4.75% SC may be applied to areas including where ants enter premises or live, and to trails, around doors and windows.

Bedbugs and Lice: Remove bed linens and wash before reuse. Apply Delta 4.75% SC to mattresses taking care to treat tufts, folds and edges until moist. Make application to the interior of the bed frame. Before remaking the bed, make sure the mattress is dry.

Carpet Beetles, Fleas and Ticks: Use of an IPM (integrated pest management) program should be followed. Before starting to treat, vacuum carpets, upholstered furniture, baseboards and other indoor areas where pets spend time. After vacuuming, discard the vacuum cleaner bag outside in a garbage can. Clean or replace pet bedding.

Application Instructions: Apply Delta 4.75% SC as a uniform coarse low-pressure spot or crack and crevice treatment to areas where pests are found. Limit spot treatments to pet bedding and its surrounding area, infested floor coverings and pest habitats.

Restrictions:

- Do not treat entire area of floor, carpet or floor coverings.
- Use a dust such as [D-FENSE™ Dust] [Deltadust®] in areas around electrical equipment.
- Do not apply as a space spray.
- Restrict applications to furniture where no prolonged contact by humans will occur.
- Do not allow people or pets to contact treated areas until spray has dried.

Delta 4.75% SC can be used with an Insect Growth Regulator (IGR). For effective control of fleas, treatment directly to the pet with an EPA registered product for such use, as well as treating outside areas pets frequent may be required. Delta 4.75% SC can also be applied outdoors for flea control. DO NOT treat pets with this product.

Pet Kennels: Delta 4.75% SC may be applied to control crawling and flying insects in and around pet kennels. Make application as a general surface and/or crack and crevice spray. For best results, at the same time, clean the facility to be treated and use Delta 4.75% SC to treat the exterior perimeter.

Restrictions:

- Apply only to areas of facility where animals are not present.
- Allow spray to dry before allowing re-entry of animals into treated areas.
- Do not apply to animal feed or watering equipment.

FOOD/FEED HANDLING ESTABLISHMENTS

Applications are permitted in food/feed and non-food/non-feed areas of food/feed handling and processing establishments as a general surface, spot or crack and crevice treatment to control of labeled pests.

Food/Feed handling establishments are defined as places other than private residences in which exposed food/feed is held, processed, prepared or served. Included also are areas for receiving, storing, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) of food/feed. Serving areas where food/feed is exposed and the facility is in operation are also considered food/feed areas.

Non-Food/Non-Feed Areas: Areas include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (after packaging, canning or bottling). Treat any area that insects are observed in or where insects may enter.

General Surface Applications: Before application cover or remove all food/feed processing and/or handling equipment. After application, wash all equipment, benches, shelving and other surfaces that food/feed will contact in food/feed processing plants, cafeterias and similar facilities. Clean food/feed handling or processing equipment and rinse well with clean, fresh water. After application in bakeries, clean all food contact surfaces thoroughly with appropriate equipment.

Restrictions:

- Do not use this application method in the food/feed handling areas of the facility when the facility is in operation or foods/feeds are exposed.
- Do not apply to food/feed products.

Spot or Crack & Crevice Applications: Except in federally inspected meat and poultry plants, spot or crack and crevice applications may be made while the facility is in operation provided exposed food is covered or removed from area being treated prior to application.

Restrictions:

- Application is prohibited in Federally inspected meat and poultry plants while such facility is in operation.
- Do not apply to food or food-handling surfaces.
- In the home, do not allow spray to contact food/feed surfaces. If it does, clean surfaces with soap and water.

STORED GRAIN

To control adults and accessible stages of insect pests such as, lesser grain borer, larger grain borer, Angoumois grain moth, Indian Meal moth, tobacco moth, dermestids, and bean weevil; also to suppress populations of granary weevil, rice weevil, maize weevil, saw-toothed grain beetle, red flour beetle, and confused flour beetle.

Directions for Treatment

Dilute Delta 4.75% SC with water for FDA approved food grade mineral or soybean oils and apply to the moving grain stream as a coarse spray to provide a concentration of 0.5 ppm of deltamethrin on the grain.

Final spray volume with water solutions - 5 gallons of liquid per 1000 bushels of grain

Final spray volume with oil solutions - Apply at oil manufacturer's rates

For water solutions, intermittent agitation is necessary. For oil solutions, constant agitation is required. For uniform treatment, use a moving grain stream.

For stored grain, apply Delta 4.75% SC Insecticide in solution at the rate of 5 gallons of solution per 1000 bushels to achieve a 0.5 ppm concentration of deltamethrin. Apply at rates as shown in the tables below:

AMOUNT OF DELTA 4.75% SC INSECTICIDE/1000 BUSHELS OF GRAIN

GRAIN	DELTA 4.75% SC INSECTICIDE TREATMENT AT 0.5 PPM		GALLONS OF DILUTE
	FL. OZ.	ML	
BARLEY	7.31	216	5
CORN	8.53	252	5
OATS	4.88	144	5
POPCORN	8.53	252	5
RICE	6.86	202	5
RYE	8.53	252	5
SORGHUM (milo)	8.53	252	5
WHEAT	9.14	270	5

Final spray volumes to treat 100 metric tons of grain at 0.5 ppm concentrations of deltamethrin are provided in the tables below corresponding to the grain being treated.

AMOUNT OF DELTA 4.75% SC INSECTICIDE/100 METRIC TONS OF GRAIN

GRAIN	DELTA 4.75% SC INSECTICIDE PER 100 METRIC TONS AT 0.5 PPM		LITERS OF DILUTE SOLUTION
	FL.OZ.	ML	
BARLEY	33.6	993	86.9
CORN	33.6	993	74.5
OATS	33.6	993	130.4
POPCORN	33.6	993	74.5
RICE	33.6	993	92.7
RYE	33.6	993	74.5
SORGHUM (milo)	33.6	993	74.5
WHEAT	33.6	993	69.5

SEED TREATMENT

Apply Delta 4.75% SC to protect stored grain seed against injury from stored grain insects listed above. Clean and treat seed storage areas prior to storage. If seed is insect infested, fumigate** to control existing populations and apply Delta 4.75% SC for residual protection. Delta 4.75% SC may also be used in conjunction with registered fungicide or other insecticide seed protectants, to protect barley, corn, oats, popcorn, rice, rye, sorghum and wheat seed during the seed treating process, and prior to bagging or placing in bulk seed storage at the rate of 0.5 ppm. When treating seed with other pesticide products, the treated seed should be properly tagged, indicating the seed should not be used for food, feed or oil purposes. Seed treated with Delta 4.75% SC alone is considered grain.

**Fumigate with EPA-registered fumigant according to manufacturer's label recommendations.

GRAIN BINS AND WAREHOUSES

Dilute 0.25-1.5 fl. oz. of Delta 4.75% SC with water to make 1 gallon of solution. Before storing or handling grain, apply finished spray to equipment, wall and floor surfaces of grain bins and warehouses at the rate of 1 gallon per 1000 sq. ft. but do not allow run-off to occur. Apply after equipment bins and buildings have been thoroughly cleaned. Empty bins or warehouses should be fumigated with an EPA registered fumigant according to the manufacturer's label recommendations as well as areas that are difficult to get into. Use Delta 4.75% SC as a perimeter treatment to prevent infestation of these structures. Apply to areas where pests are seen or may find entrance. Treat a band of soil or lawn up to 6-10 feet wide around and adjacent to structures and treat the foundation to a height of 2 to 3 feet. Mix 0.25-1.5 fl. oz. of Delta 4.75% SC with water to make 1 gallon of solution. Apply as a coarse spray at a rate of 1 gallon per 1000 sq. ft. Thoroughly and uniformly wet the barrier area but do not allow run-off to occur.

PEST CONTROL OUTDOORS

Apply Delta 4.75% SC as a perimeter treatment, residual spray or broadcast application to lawns, grounds and ornamental plantings.

Apply as a perimeter treatment or residual spray around residential and non-residential settings. Treatments should begin at the first sighting of pests.

Residual Spray: Apply Delta 4.75% SC as a coarse low-pressure spray at the rate of 0.75 to 1.5 fl.oz.to surfaces of buildings, porches, screens, window frames, eaves, patios, refuse dumps, garages and lawns.

Perimeter Treatments: For best results, apply Delta 4.75% SC to areas where pests are seen and may find entrance. Treat a band of soil or lawn up to 6 -10 feet wide around and adjacent to buildings and treat the building foundation to a height of 2 to 3 feet. Apply as a coarse spray at the rate of 0.25 to 1.5 fl. oz. of Delta 4.75% SC in sufficient amount of water. (See Mixing Directions for Perimeter Application below). Use an adequate volume to thoroughly and uniformly wet the barrier area but do not allow run-off to occur.

MIXING DIRECTIONS FOR Delta 4.75% SC -OUTDOOR PERIMETER APPLICATION

I. Delta 4.75% SC DILUTION (0.25 oz. /1000 sq. ft.) - (Based on one home being 1,000 sq. ft.)

Tank Size	15 Gallon		25 Gallon		50 Gallon		100 Gallon	
Finished Spray: Gallons Per 1000 sq. ft	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*
1	3.75	15	6.25	25	12.50	50	25.00	100
3	1.25	5	2.08	8	4.17	16	8.33	33
5	0.75	3	1.25	5	2.50	10	5.00	20
10	0.37	1.5	0.63	2.5	1.25	5	2.50	10

*Based on Delta 4.75% SC applied at 0.25 ounces per 1,000 square feet treated per home or structure.

II. Delta 4.75% SC DILUTION (1.00 oz. /1000 sq. ft.)

Tank Size	15 Gallon		25 Gallon		50 Gallon		100 Gallon	
Finished Spray: Gallons Per 1000 sq. ft.	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*
1	15.0	15	25.0	25	50	50	100.0	100
3	5.0	5	8.4	8.3	16.70	16.7	33.3	33.3
5	3.0	3	5.0	5	10.0	10	20.0	20
10	1.5	1.5	2.5	2.5	5.0	5	10.0	10

*Based on Delta 4.75% SC applied at 1.00 ounce per 1,000 square feet treated per home or structure.

Fleas and Ticks: To control fleas and ticks, make application of Delta 4.75% SC as a coarse wet spray. Treat dog houses, kennels, run areas, cracks and crevices in sidewalks, patios, areas under plants, shrubs, bushes, trees, or other moist, shaded areas where pests are known to rest.

Fire Ants: Dilute 1.5 oz. per one gallon of water and apply Delta 4.75% SC as a drench treatment. Gently sprinkle 1 to 2 gallons of the diluted insecticide over the surface of each mound and surrounding area to a 2-foot diameter. Best results are obtained when applied in cool weather, 65 to 80°F or in early morning or late evening hours. Treat new mounds as they appear. Pressurized sprays may disturb the ants and cause migration, reducing product effectiveness.

Wood-Infesting Insects: For control of **wood-infesting beetles** on surfaces in homes and other structures, apply a 0.06% suspension of Delta 4.75% SC. Brush or spray the suspension evenly on wood surfaces to treat small areas. Use a coarse spray to treat large or overhead areas of homes, apartment buildings, etc., and thoroughly cover the area. Before spraying, cover all surfaces below the treatment area with plastic sheeting or other material. After spraying, dispose of the plastic sheeting or other material in the trash. Allow surfaces in the treated area to dry completely before coming into contact.

Restrictions: Do not apply Delta 4.75% SC until the location of heating or air conditioning ducts, vents, water and sewer lines and electrical conduits are identified. Once known, applications may be made around these structures, however, be careful to avoid contamination of these structures and airways.

Foam Application: To treat structural voids for the control of insect and arthropod pests in walls, under slabs or in other void areas, convert Delta 4.75% SC to a foam by mixing the end-use dilution of Delta 4.75% SC with the manufacturer's recommended volume of foaming agent. Use the rate as recommended for a suspension treatment converted to a foam to get the correct foam expansion ratios. Before treatment check to make sure that the foaming agent is compatible with Delta 4.75% SC.

For control of **above-ground termites and wood-infesting beetles** in localized areas, apply a 0.06% suspension or sufficient volume of foam of Delta 4.75% SC to voids and galleries in damaged wood and in spaces between wooden structural members and between the sill plate and foundation where wood is vulnerable. Applications may be made to inaccessible areas by drilling and then injecting the suspension or foam with a suitable directional injector into the damaged wood or wall voids. All treatment holes drilled in construction elements in commonly occupied areas of structures must be securely plugged.

To control **termite carton nests** in building voids and trees, inject a 0.06% suspension or foam using a pointed injection tool. Multiple injection points to varying depths may be necessary. For best results, remove carton nest material from building voids and trees when nests are found. Termite carton nests in trees may be injected with 0.06% suspension or foam using a pointed injection tool.

To control **exposed worker and winged reproductive forms of termites**, applications to attics, crawl spaces, unfinished basements, or man-made voids may be made with a coarse fan spray of 0.06% suspension. For control of **swarming or reproductive stages of termites**, apply a 0.06% suspension to the swarm or area on which they collect. Delta 4.75% SC will kill **workers or winged reproductive forms** present at the time of treatment. These applications are supplemental only, and do not take the place of mechanical alteration, soil treatment or foundation treatment.

For control of **above-ground termites and carpenter ants** inside trees, utility poles, fencing and decking materials and similar structures, locate the infested area by drilling then inject 0.06% suspension or foam using an appropriate treatment tool with a splashback guard.

For protection of firewood from **carpenter ants and termites**, before stacking firewood, treat the soil underneath with a 0.06% suspension at 1 gallon per 8 square feet to prevent infestation. DO NOT treat firewood with this product.

For control of **carpenter ants** in houses and other structures, use a 0.06% suspension and apply as a general surface, spot, crack and crevice or wall void application using coarse spray or foam to thoroughly cover the treatment area. Make application around doors and windows and any other areas where carpenter ants may gain entrance. Apply as a spray or foam into cracks and crevices, and drill small holes into voids where ants or nests may be present. Do not apply more than 1 gallon of dilute suspension per 1000 square feet of treated surface.

For control of **tunneling carpenter ants** in soil, apply a 0.06% suspension as a drench or inject the suspension or foam at 8 to 12 inch intervals. Create a uniform vertical barrier at the edge of walls, driveways or other hard surfaces where ants are tunneling beneath the surfaces.

For control of **carpenter bees** in structures, apply a 0.06% suspension or sufficient volume of foam directly into gallery entrance holes. Leave the entrance holes open for 24 hours to make sure that returning adult bees are killed. If no activity is visible, use an appropriate sealant to seal the hole.

TURFGRASS APPLICATIONS

Delta 4.75% SC controls listed insects on turfgrasses and ornamental plants in outdoor areas such as athletic fields, recreational areas, residential landscapes, parks, and public and commercial sites. Make application when insects first appear ensuring uniform coverage.

Apply as a broadcast application using a minimum of 2 gallons of water per 1000 sq. ft. with a hydraulic boom-type sprayer or other suitable equipment for turfgrass pests. Follow the specified rates listed in the Application Rates for Turfgrass Sites table. Use higher volumes (4 to 10 gallons of water per 1000 sq. ft.) for areas of dense turfgrass and/or where turfgrass is mowed at greater heights. Control is achieved when the insecticide contacts the target pest. For best results on surface-feeding insects, do not irrigate or mow within 24 hours after application. For subsurface-feeding insects, apply 0.25 to 0.5 inch of water immediately after application. Do not allow people or pests into the treatment area until turfgrass has dried.

Tank Mixing: Delta 4.75% SC may be tank-mixed with other pest control or fertilizer products. Observe all restrictions, precautions and limitations appearing on the tank-mix partner label. To check for compatibility with Delta 4.75% SC, mix a small test sample of the products in the correct proportions with water in a quart jar. The use of silicone surfactants in tank mixtures with Delta 4.75% SC may enhance the control of some insects.

RESTRICTIONS: In New York State, product may not be applied to turf within 100 feet of a coastal marsh or stream that drains directly into a coastal marsh. For control of turf insects in New York, a second application may be made after two weeks if target insect activity persists.

Application Rates For Turfgrass Sites			
Sites	Pests	Rates	Use Instructions
Athletic fields, recreational areas, lawns & grounds, residential areas, parks, public and commercial sites	Ants, armyworms, centipedes, chiggers, cockroaches, crickets, cutworms, fleas(adult), grasshoppers, ground beetles, Japanese beetles (adults), leafhoppers, mealybugs, pillbugs, scorpions, sod webworms, sowbugs, springtails, spiders, ticks	0.4 to 0.6 fl. oz./1000 sq. ft. or 17.5 to 26 fl. oz./Acre or 0.06 to 0.08 lb. ai/A	Apply at first sign of pest presence. Apply as a broadcast spray in a minimum of 2 gallons of water per 1000 sq. ft. For best control of surface feeders such as cutworms and webworms, do not water or mow for 24 hours after application. For subsurface-feeders, such as mole crickets, apply 0.25 to 0.5 inch of water immediately after application. The use of silicone surfactants in tank mixtures with Delta 4.75% SC may enhance the control of some insects.
	Annual bluegrass weevil (adult), billbugs (adult), black turfgrass ataenius (adult), chinch bugs, mites*, mole crickets.	0.6 to 0.9 fl. oz./sq. ft. or 26 to 39 fl. oz./Acre or 0.08 to 0.13 lb. ai/A	

*Suppression Only

LANDSCAPE ORNAMENTAL TREATMENTS

Use Delta 4.75% SC to control the listed insects when applied as directed in the Application Rates for Ornamentals table below. Mix the Delta 4.75% SC with the required amount of water and apply as a finished spray to upper and lower leaf surfaces to ensure thorough coverage, but not to the point of run-off. Make sure to apply sufficient product to wet the leaves, trunk and branches of ornamentals.

Restrictions: Similar formulations have been tested on many species of ornamental plants with good results, but if local use information in this product is not available, it is recommended to pre-spray a few plants to check for compatibility.

Application Rates for Ornamentals:			
Sites	Pests	Rates	Remarks
Landscape ornamentals including trees, shrubs, evergreens and foliage plants	Adelgids, ants, aphids, azalea lace bugs, bagworms, boxelder bugs, cankerworms, cardamom thrips, cockroaches, crickets, elm leaf beetles, elm spanworms, European pine sawflies, fall webworms, flea beetles, flies, fungus gnats, grasshoppers, greenstriped mapleworm, Gypsy moth (larvae), imported willow leaf beetles, Japanese beetles (adults)*, June beetles (adults), lace bugs, leaf-feeding caterpillars, leafhoppers, leaf rollers, loopers, leaf skeletonizers, mealybugs, midges, mimosa webworms, mites**, orangestriped oakworms, pillbugs, pine shoot beetles, pine tip moths, pinyon spindlegall midges, plant bugs, redhumped caterpillar, red imported fire ants, sawfly larvae, sowbugs, spiders, springtails, spanworms, scale insects (crawlers), tent caterpillars, ticks, webworms, yellownecked caterpillar	4 to 8 oz./100 gallons of water	Apply at first sign of pest presence. Mix Delta 4.74% SC with the required amount of water and apply as a finished spray to ensure thorough coverage of all plant surfaces, but not to the point of run-off.

*Will provide anti-feedant properties on treated ornamentals against Japanese beetles.

**Suppression only.

PAINT ADDITIVE USE

Delta 4.75% SC may be mixed with latex coatings and oil-based coatings such as stains, varnishes and sealers for use to kill crawling and flying insects when exposed to treated surfaces.

Note: To ensure product efficacy, do not prepare more than the amount of latex coating that can be applied within 3 hours of mixing. For oil-based coating, stains, varnish or sealers, the amount of coating formulated should not exceed the amount that can be applied within 6 hours.

Restrictions: Do not allow children or pets to enter the treated area until surfaces are dry.

Mixing Instructions: Add 1 2/3 fl. oz. to 1 gallon [8 1/3 fl. oz. to 5 gallons] of latex coating (water base), oil base coating, and stains or sealers. Mix well to insure proper dilution.

How to Apply: Apply treated coating with brush, roller, or conventional airless equipment.

FOR INDOOR PEST CONTROL

Delta 4.75% SC may be applied in and on residential and non-residential buildings and structures including residential kitchens and all types of food/feed handling establishments. This product can be applied to non-food contact surfaces of walls, floors, ceilings, in and around cabinets, behind and beneath equipment and appliances, around floor drains, window and door frames and around plumbing, sinks and other possible pest harborage sites.

Note: Delta 4.75% SC can be applied only as a crack and crevice or spot treatment indoors. Do not use for broadcast interior applications such as entire walls, ceilings, and floors.

Permitted areas of use include the food/feed and non-food/non-feed areas of:

Aircraft (cargo area only)

Apartment buildings

Bakeries

Bottling facilities

Breweries Buses

Cafeterias Candy plants

Canneries

Dairy product processing plants Food manufacturing plants Food processing plants

Food service establishments Granaries and grain mills Hospitals

Hotels

Houses

Industrial buildings

Installations Kitchens

Laboratories Mausoleums

Meat, poultry and egg processing and packaging plants

Mobile and motor homes

Nursing homes Offices

Railcars

Restaurants Schools

Ships and vessels

Trailers

Trucks

Warehouses Wineries

Restrictions:

- Do not apply to classrooms when in use.
- Do not use in aircraft cabins.
- Do not apply this product in occupied patient rooms or in any rooms/areas while occupied by patients, the elderly or infirm.
- Do not apply to institutions including libraries, sports facilities, or in the immediate area when occupants are present.

Pantry Pest Control: To kill adult and accessible stages of insect pests: Spiders, ticks, cockroaches and ants. Make application to cupboards, shelving and storage areas. Remove all foodstuffs, all utensils, shelf paper and other objects before coating with this product. Allow all treated surfaces to dry and cover shelves with clean paper prior to replacing foodstuffs, utensils or other items. Any foodstuff accidentally contaminated with any coating solution should be discarded.

Crawling Insect Pests (such as Spiders, Ticks, Cockroaches, Mosquitoes, Imported and , Southern Fire Ants, Leafcutter Ants and Silverfish): Apply Delta 4.75% SC to localized areas of walls, ceilings and other resting areas as a crack and crevice or spot treatment.

Delta 4.75% SC may be used inside residential buildings, as well as in and around carports, garages, storage sheds, unoccupied horse stables and pet kennels.

Pet Kennels: For residual control of crawling and flying insects in and around these structures, apply as cracks and crevices or spot treatment. Optimal control results if facilities to be treated are clean, and coated surfaces are cleaned regularly (every 21 days). Apply only to areas of facility where animals are not present. Allow coating to dry before allowing re-entry of animals into treated areas. Do not apply to animal feed or watering equipment.

Food/Feed Handling Establishments: For control of all labeled pests, applications are permitted in food/feed and non-food/non-feed areas of food/feed handling and processing establishments as spot or crack and crevice treatment.

Food/Feed handling establishments are defined as places other than private residences in which exposed food/feed is held, processed, prepared or served. Included also are areas for receiving, storing, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) of food/feed. Serving areas where food/feed is exposed and the facility is in operation are also considered food/feed areas.

Non-Food/Non-Feed Areas: Examples of non-food/non-feed areas include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (after packaging, canning or bottling). All areas that insects inhabit or through which insects may enter should be treated.

Note: Do not use this application method in the food/feed handling areas of the facility when the facility is in operation or foods/feeds are exposed. Do not apply directly to food/feed products. Cover or remove all food/feed processing and/or handling equipment during application. After application in food/feed processing plants, cafeterias and similar facilities wash all equipment, benches, shelving and other surfaces which food/feed will contact. Clean food/feed handling or processing equipment and thoroughly rinse with clean, fresh water. After application in bakeries, clean all food contact surfaces thoroughly with appropriate equipment.

Spot or Crack and Crevice Applications: Except in federally inspected meat and poultry plants, spot or crack and crevice applications may be made while the facility is in operation, provided exposed food is covered or removed from area being treated prior to application. Do not apply directly to food or food-handling surfaces. In the home, do not allow coating to contact food/feed surfaces. If it does, clean surfaces with soap and water.

FOR OUTDOOR PEST CONTROL

For Commercial/Industrial Use Only

Kills cockroaches in sewer manholes and related sanitary sites.

Application Instructions: To control cockroaches in manholes, sewers, sewer cleanouts, floor drains and underground utility vaults. Apply product on manhole walls. Product may be applied via coarse spray using conventional airless spray equipment. Persons applying product in manhole must comply with CLOSED ENTRY requirements of government agencies.

Apply treated latex coating with remote access application equipment.

Residual Application: Apply Delta 4.75% SC to surfaces of buildings, porches, window frames, eaves, patios and garages, to control Spiders, Ticks, American and German Cockroaches, Silverfish, Imported and Southern Fire Ants and Leafcutter Ants.

Note: Do not apply to furniture, swing sets, or other outdoor playground articles.

CORRUGATED and CARDBOARD BOXES AND LINERS

For Commercial/Industrial Use Only

Delta 4.75% SC provides residual protection to the outer surface of corrugated and cardboard (folding carton) boxes against insects that damage or feed on paper, corrugated or cardboard (folding carton).

Mixing Instructions: To protect the outer surface of the box from damage from insects, such as spiders, ticks, silverfish, cockroaches, ants and weevil, mix 2.1 fluid oz. Delta 4.75% SC to coating for corrugated or cardboard (folding carton).

Note: This coating can only be applied to the outside of the corrugated or cardboard (folding carton) box or to corrugated or cardboard (folding carton) box liner that is to be used for the exterior portion of the corrugated or cardboard (folding carton) box.

How to Apply: Make application at a rate of one gallon of coating containing Delta 4.75% SC to 6000 to 8000 square ft. of surface (include size press, rod, blade, air knife, offset press, gravure and flexography). DO NOT APPLY TO INNER SURFACE OF BOXES.

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Mix as needed. Store in original container in a secured dry storage area. Avoid extremes in temperatures. Prevent cross-contamination with other pesticides and fertilizers. If the container is leaking and/or material is spilled, on floor or paved surfaces, absorb on sawdust or other commercially available absorbing material, sweep up and remove to chemical waste area for your disposal. Concentrate is stable at normal storage temperatures.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. **Containers less than 5 gallons:** Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke. **Containers greater than 5 gallons:** Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Refillable containers: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from the container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond Control Solutions, Inc.'s control, it is impossible for Control Solutions, Inc. to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: CONTROL SOLUTIONS, INC. MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those

contained herein or to modify the warranties contained herein. Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT CONTROL SOLUTIONS, INC.'S ELECTION, THE REPLACEMENT OF PRODUCT.

[Optional Marketing Language:

D-FENSE™ SC is a concentrated suspension of micro-crystals of the active ingredient Deltamethrin.

Utilized for crack and crevice and spot applications in homes, hotels and schools, D-FENSE™ SC is a valuable tool in your integrated pest management arsenal for many types of pest control.

Use sites include Residential, Commercial, Residential Turf and Landscape and Ornamental Plants. D-FENSE™ SC can be applied to mattresses for control of bedbugs and lice, and is for use on paints, plastics, fabrics and other surfaces.

Mix D-FENSE™ SC with water and apply indoors as a crack and crevice, spot or general surface treatment with hand pressurized, backpack sprayers or power operated sprayers or other suitable equipment for indoor & outdoor pest control.

- *Low odor*
- *Controls ants, bedbugs, cockroaches, fleas, flies, silverfish, spiders and many other listed pests*
- *Mattress and broadcast application for bedbugs and lice]*

Delta 4.75% SC

INSECTICIDE

[Alt. Brand Name: D-FENSE™ SC]

[Alt. Brand Name: D-FENSE™ SC Insecticide]

[Optional Generic Descriptor: Insecticide]

For Use by Pest Control Operators and/or Commercial Applicators

For Residential, Industrial and Institutional Use

- Provides Control of Listed Insect/Pests in and around the Home
- For Insect Control on Commercial and Residential Turf and Landscape Ornamental Plants
- For crack and crevice and spot applications in homes, hotels, schools and all types of food handling establishments.
- Controls ants, bedbugs, cockroaches, fleas, flies, silverfish, spiders and many other listed pests.
- Mattress application for bedbugs and lice.
- Broadcast spray for lawns and turfgrass to control fleas, ticks and other listed insects.
- Concentrated suspension of pure micro-crystals
- Long lasting residual
- Safe for use on Paints, Plastics, Fabrics and other surfaces

ACTIVE INGREDIENT:

*Deltamethrin4.75%

OTHER INGREDIENTS :95.25%

100.00%

*Contains 0.42 lb deltamethrin per gallon.

Reg. No.: 53883-276

EPA Est. No. : XXXXX-XX-XXX

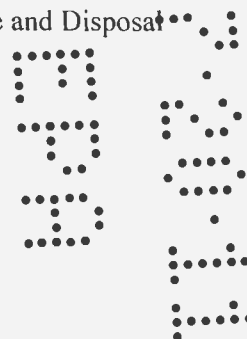
KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente. **(TO THE USER:** If you cannot read English, do not use this product until the label has been fully explained to you.)

See [side panel] [inside booklet] for additional Precautionary Statements, Storage and Disposal instructions and Directions for Use.

Manufactured By:
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507



NET CONTENTS: 1 Pint or 1 Gallon

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION

Harmful if inhaled. Avoid breathing vapor or spray mist. Contact with product may result in transient tingling and reddening of the skin. Remove contaminated clothing and wash before reuse.

FIRST AID	
If Inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact SafetyCall® (866) 897-8050 for emergency medical treatment information.	

Environmental Hazards

This product is extremely toxic to fresh water and estuarine fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This pesticide is highly toxic to bees exposed to direct treatment. Do not apply or allow it to drift to crops or weeds on which bees are actively foraging.

Physical and Chemical Hazards

Do not use water-based sprays of Delta 4.75% SC in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard.

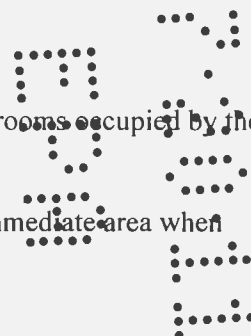
DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

RESTRICTIONS:

1. DO NOT apply Delta 4.75% SC through any type of irrigation system.
2. DO NOT water the treated area to the point of run-off.
3. DO NOT make applications during rain.
4. DO NOT apply this product to edible crops.
5. DO NOT apply this product in hospital patient rooms while occupied or in any rooms occupied by the elderly or infirm.
6. DO NOT apply in classrooms when in use.
7. DO NOT apply to institutions (including libraries, sport facilities, etc.) in the immediate area when occupants are present.
8. Do not apply this product more than once every 21 days.



All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

- a. Treatment to soil or vegetation around structures;
- b. Applications to lawns, turf, and other vegetation;
- c. Applications to building foundations, up to a maximum height of 3 feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow this product to enter any drain during or after application.

PRODUCT INFORMATION

Delta 4.75% SC is a suspension concentrate insecticide for use both indoors and outdoors for effective knockdown and long residual control of listed pests.

Mixing Instructions

Mix Delta 4.75% SC with water and apply using a hand pressurized or power operated sprayer, such as Actisol or similar equipment. For outdoor broadcast application, apply as a coarse spray or with conventional hydraulic boom-type sprayer or other suitable equipment. Shake container well before using.

Dilution Instructions:

- add half the water to the spray tank;
- add Delta 4.75% SC as specified in the appropriate application rates table;
- agitate well;
- add the remaining water slowly to avoid excess foam;
- thoroughly agitate the sprayer before using to insure proper suspension.

Note: If spraying is stopped when using a back-pack or hand-held spray equipment, reinvert sprayer before use. If spray screens are used, they should be 50 mesh or larger. Dilute Delta 4.75% SC only with water. Only prepare the spray solution when ready to make applications.

Tank Mixing: Tank mix Delta 4.75% SC with other currently registered pesticides unless prohibited by the product label. To check for product compatibility, a small volume mixing test with other products is recommended. Follow all restrictions and precautions specified on the labels of these tank-mix products.

PEST CONTROL INDOORS

✓ 7/00 ~~Delta 4.75% SC may be applied to non/food/nonfeed areas in and around residential and non-residential buildings and structures, including residential kitchens, and nonfood/nonfeed areas of food/feed handling establishments.~~

Delta 4.75% SC may be applied in and around residential and non-residential buildings and structures including residential kitchens and all types of food/feed handling establishments.

Mix Delta 4.75% SC with water and apply indoors as a crack and crevice, spot or general surface treatment with hand pressurized or power operated sprayers or other suitable equipment.

For residential buildings and structures - apply only as a crack and crevice or spot treatment.

Approved use sites include, ~~but are not limited to~~ ^{delete} the food/feed and non-food/non-feed areas of: ^{!!}

Aircraft (cargo only)
Apartment buildings
Bakeries
Bottling facilities
Breweries
Buses
Cafeterias
Candy plants
Canneries
Dairy product processing plants
Food manufacturing plants
Food processing plants
Food service establishments
Granaries & grain mills
Hospitals
Hotels
Houses

Industrial buildings
Installations
Kitchens
Laboratories
Mausoleums
Meat, poultry & egg processing & packaging plants
Mobile & motor homes
Nursing homes
Offices
Railcars
Restaurants
Schools
Ships & vessels
Trailers
Trucks
Warehouses
Wineries

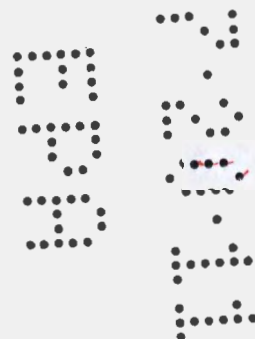
Crack and Crevice: Apply Delta 4.75% SC spray mixture to cracks and crevices in and around baseboards, floors, walls, appliances, areas around water and sewer pipes, and other voids with a low pressure system using a pinpoint or variable pattern nozzle.

Spot Treatment: Apply Delta 4.75% SC as a spot treatment in and around cupboards, and between, beneath and behind equipment or appliances using a low pressure system with fan-type nozzle.

To control of carpet beetles, fleas and ticks indoors: Apply as a coarse, low pressure crack and crevice spot treatment to problem areas and infested habitats.

Restrictions:

- Do not treat entire area of floor, carpet or floor coverings.
- Do not apply as a space spray.
- Do not make applications to areas where prolonged contact by humans can occur.
- Limit spot treatment to pet beds and infested floor coverings.
- ~~Do not apply to areas where food or feed can come into contact with treated surfaces.~~ ^{!!}



Application Rates			
Pests	Concentration of Active Ingredient ¹	Dilution Rate ²	Use Instructions
ants, carpet beetles, firebrats, fleas, gnats, midges, centipedes, millipedes, pantry pests, silverfish, ticks (indoors)	0.01% - 0.03%w/w	0.25-0.75 fl. oz./gal 12.5-37.5 fl. oz./50 gals 25-75 fl. oz./100 gals	Apply at 21-day intervals. Remove pets and cover aquariums and terrariums before spraying. Do not apply to classrooms when in use. Do not use in aircraft cabins. Treat areas that insects inhabit or where they are normally found. Use 0.25 to 1.5 fluid ounces of Delta 4.75% SC in sufficient amount of water and apply to adequately cover 1000 square feet. Do not allow dripping or run-off to occur. Under conditions of severe pest infestation, when quick knockdown and/or longer residual control is desired, use 1.5 ounces of 0.06% Delta 4.75% SC per 1,000 sq. ft.
Bees, bedbugs, boxelder bugs, fleas (outdoors), ticks (outdoors), cecid flies, cockroaches, crickets, flies (including such flies as stable, house, cluster and horseflies), elm leaf beetles, ground beetles, moths, midges, hornets, killer bees, lice, mosquitoes, Multicolored Asian Lady Beetle, pillbugs, scorpions, sowbugs, spiders, yellowjackets, wasps	0.03% - 0.06%w/w	0.75-1.5 fl. oz./gal 37.5-75 fl. oz./50 gals 75-150 fl. oz./100 gals	
Termites (Formosan & Eastern subterranean - localized control only)	0.06% w/w	1.5 fl. oz./ gal 75 fl. oz./50 gals 150 fl. oz./100 gals	
Carpenter ants	0.03% w/w	0.75 fl. oz./gal 37.5 fl. oz./50 gals 75 fl. oz./100 gals	
¹ The specified rate for maintenance treatments is 0.01% and for cleanout treatments is 0.03%. For control of severe infestations and longer residual control use the 0.06% rate. More frequent applications may be needed on concrete surfaces. ² 0.25 fl. oz.= 7.5 milliliters 0.75 fl. oz.= 22.7 milliliters 1.5 fl. oz.= 45.4 milliliters			

Premise Pest Control

To control Cockroaches, Ants, Crickets, Silverfish, Firebrats, Centipedes, Millipedes, Cloth Moths, Earwigs, Pillbugs, Sowbugs, Scorpions and Spiders

Use Instructions: Apply as a coarse, low pressure spot or crack and crevice spray to areas that these pests are found especially dark corners of rooms and closets; floor drains; cracks and crevices in walls; along and behind baseboards; beneath and behind sinks, stoves, refrigerators, and cabinets; around plumbing and other utility installations; doors, windows and in attics and crawl spaces. Make applications to floor surfaces along baseboards and around air ducts. Allow surfaces to dry before children or pets come into contact.

Pantry Pest Control

To kill adult and manageable stages of insect pests such as Lesser Grain Borers, Grain Weevils, Flour Beetles, Saw-toothed Grain Beetles, Cigarette Beetles, Merchant Grain Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Grain Mites and Spider Mites.

Application Instructions: Apply to cupboards, shelving and storage areas. Before spraying, remove all foodstuffs, utensils, shelf paper and other objects. Allow treated surfaces to dry and cover shelves with clean paper prior to replacing foodstuffs, utensils or other items. Discard any foodstuff accidentally contaminated with any spray solution.

Crawling and Flying Insect Pests

Delta 4.75% SC controls crawling and flying insects such as flies, gnats, midges, mosquitoes, cockroaches, ants and silverfish.

Application Instructions: Use as a residual surface treatment to walls, ceilings, window screens and other resting areas inside residential buildings, as well as in and around carports, garages, storage sheds, unoccupied horse stables and pet kennels.

Ants (including Pharaoh Ants): Delta 4.75% SC may be applied to areas including where ants enter premises or live, and to trails, around doors and windows.

Bedbugs and Lice: Remove bed linens and wash before reuse. Apply Delta 4.75% SC to mattresses taking care to treat tufts, folds and edges until moist. Make application to the interior of the bed frame. Before remaking the bed, make sure the mattress is dry.

Carpet Beetles, Fleas and Ticks: Use of an IPM (integrated pest management) program should be followed. Before starting to treat, vacuum carpets, upholstered furniture, baseboards and other indoor areas where pets spend time. After vacuuming, discard the vacuum cleaner bag outside in a garbage can. Clean or replace pet bedding.

Application Instructions: Apply Delta 4.75% SC as a uniform coarse low-pressure spot or crack and crevice treatment to areas where pests are found. Limit spot treatments to pet bedding and its surrounding area, infested floor coverings and pest habitats.

Restrictions:

- Do not treat entire area of floor, carpet or floor coverings.
- Use a dust such as [D-FENSE™ Dust] [Deltadust®] in areas around electrical equipment.
- Do not apply as a space spray.
- Restrict applications to furniture where no prolonged contact by humans will occur.
- Do not allow people or pets to contact treated areas until spray has dried.

Delta 4.75% SC can be used with an Insect Growth Regulator (IGR). For effective control of fleas, treatment directly to the pet with an EPA registered product for such use, as well as treating outside areas pets frequent may be required. Delta 4.75% SC can also be applied outdoors for flea control. **DO NOT** treat pets with this product.

Pet Kennels: Delta 4.75% SC may be applied to control crawling and flying insects in and around pet kennels. Make application as a general surface and/or crack and crevice spray. For best results, at the same time, clean the facility to be treated and use Delta 4.75% SC to treat the exterior perimeter.

Restrictions:

- Apply only to areas of facility where animals are not present.
- Allow spray to dry before allowing re-entry of animals into treated areas.
- Do not apply to animal feed or watering equipment.

FOOD/FEED HANDLING ESTABLISHMENTS

Applications are permitted in food/feed and non-food/non-feed areas of food/feed handling and processing establishments as a general surface, spot or crack and crevice treatment to control of labeled pests.

Why?
2/1
Food/Feed handling establishments are defined as places other than private residences in which exposed food/feed is held, processed, prepared or served. Included also are areas for receiving, storing, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) of food/feed. Serving areas where food/feed is exposed and the facility is in operation are also considered food/feed areas.

Non-Food/Non-Feed Areas: Areas include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (after packaging, canning or bottling). Treat any area that insects are observed in or where insects may enter.

General Surface Applications: Before application cover or remove all food/feed processing and/or handling equipment. After application, wash all equipment, benches, shelving and other surfaces that food/feed will contact in food/feed processing plants, cafeterias and similar facilities. Clean food/feed handling or processing equipment and rinse well with clean, fresh water. After application in bakeries, clean all food contact surfaces thoroughly with appropriate equipment.

Restrictions:

- Do not use this application method in the food/feed handling areas of the facility when the facility is in operation or foods/feeds are exposed.
- Do not apply directly to food/feed products.

delete
Spot or Crack & Crevice Applications: Except in federally inspected meat and poultry plants, spot or crack and crevice applications may be made while the facility is in operation provided exposed food is covered or removed from area being treated prior to application.

Restrictions:

- Application is prohibited in Federally inspected meat and poultry plants while such facility is in operation.
- Do not apply directly to food or food-handling surfaces.
- In the home, do not allow spray to contact food/feed surfaces. If it does, clean surfaces with soap and water.

STORED GRAIN

To control adults and accessible stages of insect pests such as, lesser grain borer, larger grain borer, Angoumois grain moth, Indian Meal moth, tobacco moth, dermestids, and bean weevil; also to suppress populations of granary weevil, rice weevil, maize weevil, saw-toothed grain beetle, red flour beetle, and confused flour beetle.

Directions for Treatment

Dilute Delta 4.75% SC with water for FDA approved food grade mineral or soybean oils and apply to the moving grain stream as a coarse spray to provide a concentration of 0.5 ppm of deltamethrin on the grain.

Final spray volume with water solutions - 5 gallons of liquid per 1000 bushels of grain

Final spray volume with oil solutions - Apply at oil manufacturer's rates

For water solutions, intermittent agitation is necessary. For oil solutions, constant agitation is required. For uniform treatment, use a moving grain stream.

For stored grain, apply Delta 4.75% SC Insecticide in solution at the rate of 5 gallons of solution per 1000 bushels to achieve a 0.5 ppm concentration of deltamethrin. Apply at rates as shown in the tables below:

AMOUNT OF DELTA 4.75% SC INSECTICIDE/1000 BUSHELS OF GRAIN

<u>GRAIN</u>	<u>DELTA 4.75% SC INSECTICIDE TREATMENT AT 0.5 PPM</u>		<u>GALLONS OF DILUTE</u>
	<u>FL. OZ.</u>	<u>ML</u>	
<u>BARLEY</u>	<u>7.31</u>	<u>216</u>	<u>5</u>
<u>CORN</u>	<u>8.53</u>	<u>252</u>	<u>5</u>
<u>OATS</u>	<u>4.88</u>	<u>144</u>	<u>5</u>
<u>POPCORN</u>	<u>8.53</u>	<u>252</u>	<u>5</u>
<u>RICE</u>	<u>6.86</u>	<u>202</u>	<u>5</u>
<u>RYE</u>	<u>8.53</u>	<u>252</u>	<u>5</u>
<u>SORGHUM (milo)</u>	<u>8.53</u>	<u>252</u>	<u>5</u>
<u>WHEAT</u>	<u>9.14</u>	<u>270</u>	<u>5</u>

Final spray volumes to treat 100 metric tons of grain at 0.5 ppm concentrations of deltamethrin are provided in the tables below corresponding to the grain being treated.

AMOUNT OF DELTA 4.75% SC INSECTICIDE/100 METRIC TONS OF GRAIN

<u>GRAIN</u>	<u>DELTA 4.75% SC INSECTICIDE PER 100 METRIC TONS AT 0.5 PPM</u>		<u>LITERS OF DILUTE SOLUTION</u>
	<u>FL.OZ.</u>	<u>ML</u>	
<u>BARLEY</u>	<u>33.6</u>	<u>993</u>	<u>86.9</u>
<u>CORN</u>	<u>33.6</u>	<u>993</u>	<u>74.5</u>
<u>OATS</u>	<u>33.6</u>	<u>993</u>	<u>130.4</u>
<u>POPCORN</u>	<u>33.6</u>	<u>993</u>	<u>74.5</u>
<u>RICE</u>	<u>33.6</u>	<u>993</u>	<u>92.7</u>
<u>RYE</u>	<u>33.6</u>	<u>993</u>	<u>74.5</u>
<u>SORGHUM (milo)</u>	<u>33.6</u>	<u>993</u>	<u>74.5</u>
<u>WHEAT</u>	<u>33.6</u>	<u>993</u>	<u>69.5</u>

SEED TREATMENT

Apply Delta 4.75% SC to protect stored grain seed against injury from stored grain insects listed above. Clean and treat seed storage areas prior to storage. If seed is insect infested, fumigate** to control existing populations and apply Delta 4.75% SC for residual protection. Delta 4.75% SC may also be used in conjunction with registered fungicide or other insecticide seed protectants, to protect barley, corn, oats, popcorn, rice, rye, sorghum and wheat seed during the seed treating process, and prior to bagging or placing in bulk seed storage at the rate of 0.5 ppm. When treating seed with other pesticide products, the treated seed should be properly tagged, indicating the seed should not be used for food, feed or oil purposes. Seed treated with Delta 4.75% SC alone is considered grain.

**Fumigate with EPA-registered fumigant according to manufacturer's label recommendations.

GRAIN BINS AND WAREHOUSES

Dilute 0.25-1.5 fl. oz. of Delta 4.75% SC with water to make 1 gallon of solution. Before storing or handling grain, apply finished spray to equipment, wall and floor surfaces of grain bins and warehouses at the rate of 1 gallon per 1000 sq. ft. but do not allow run-off to occur. Apply after equipment bins and buildings have been thoroughly cleaned. Empty bins or warehouses should be fumigated with an EPA registered fumigant according to the manufacturer's label recommendations as well as areas that are difficult to get into. Use Delta 4.75% SC as a perimeter treatment to prevent infestation of these structures. Apply to areas where pests are seen or may find entrance. Treat a band of soil or lawn up to 6-10 feet wide around and adjacent to structures and treat the foundation to a height of 2 to 3 feet. Mix 0.25-1.5 fl. oz. of Delta 4.75% SC with water to make 1 gallon of solution. Apply as a coarse spray at a rate of 1 gallon per 1000 sq. ft. Thoroughly and uniformly wet the barrier area but do not allow run-off to occur.

PEST CONTROL OUTDOORS

Apply Delta 4.75% SC as a perimeter treatment, residual spray or broadcast application to lawns, grounds and ornamental plantings.

Apply as a perimeter treatment or residual spray around residential and non-residential settings. Treatments should begin at the first sighting of pests.

Residual Spray: Apply Delta 4.75% SC as a coarse low-pressure spray at the rate of 0.75 to 1.5 fl.oz.to surfaces of buildings, porches, screens, window frames, eaves, patios, refuse dumps, garages and lawns.

Perimeter Treatments: For best results, apply Delta 4.75% SC to areas where pests are seen and may find entrance. Treat a band of soil or lawn up to 6 -10 feet wide around and adjacent to buildings and treat the building foundation to a height of 2 to 3 feet. Apply as a coarse spray at the rate of 0.25 to 1.5 fl. oz. of Delta 4.75% SC in sufficient amount of water. (See Mixing Directions for Perimeter Application below). Use an adequate volume to thoroughly and uniformly wet the barrier area but do not allow run-off to occur.

MIXING DIRECTIONS FOR Delta 4.75% SC -OUTDOOR PERIMETER APPLICATION

I. Delta 4.75% SC DILUTION (0.25 oz. /1000 sq. ft.) - (Based on one home being 1,000 sq. ft.)

Tank Size	15 Gallon		25 Gallon		50 Gallon		100 Gallon	
Finished Spray: Gallons Per 1000 sq. ft	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*
1	3.75	15	6.25	25	12.50	50	25.00	100
3	1.25	5	2.08	8	4.17	16	8.33	33
5	0.75	3	1.25	5	2.50	10	5.00	20
10	0.37	1.5	0.63	2.5	1.25	5	2.50	10

*Based on Delta 4.75% SC applied at 0.25 ounces per 1,000 square feet treated per home or structure.

II. Delta 4.75% SC DILUTION (1.00 oz. /1000 sq. ft.)

Tank Size	15 Gallon		25 Gallon		50 Gallon		100 Gallon	
Finished Spray: Gallons Per 1000 sq. ft.	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*
1	15.0	15	25.0	25	50	50	100.0	100
3	5.0	5	8.4	8.3	16.70	16.7	33.3	33.3
5	3.0	3	5.0	5	10.0	10	20.0	20
10	1.5	1.5	2.5	2.5	5.0	5	10.0	10

*Based on Delta 4.75% SC applied at 1.00 ounce per 1,000 square feet treated per home or structure.

Fleas and Ticks: To control fleas and ticks, make application of Delta 4.75% SC as a coarse wet spray. Treat dog houses, kennels, run areas, cracks and crevices in sidewalks, patios, areas under plants, shrubs, bushes, trees, or other moist, shaded areas where pests are known to rest.

Fire Ants: Dilute 1.5 oz. per one gallon of water and apply Delta 4.75% SC as a drench treatment. Gently sprinkle 1 to 2 gallons of the diluted insecticide over the surface of each mound and surrounding area to a 2-foot diameter. Best results are obtained when applied in cool weather, 65 to 80°F or in early morning or late evening hours. Treat new mounds as they appear. Pressurized sprays may disturb the ants and cause migration, reducing product effectiveness.

Wood-Infesting Insects: For control of **wood-infesting beetles** on surfaces in homes and other structures, apply a 0.06% suspension of Delta 4.75% SC. Brush or spray the suspension evenly on wood surfaces to treat small areas. Use a coarse spray to treat large or overhead areas of homes, apartment buildings, etc., and thoroughly cover the area. Before spraying, cover all surfaces below the treatment area with plastic sheeting or other material. After spraying, dispose of the plastic sheeting or other material in the trash. Allow surfaces in the treated area to dry completely before coming into contact.

Restrictions: Do not apply Delta 4.75% SC until the location of heating or air conditioning ducts, vents, water and sewer lines and electrical conduits are identified. Once known, applications may be made around these structures, however, be careful to avoid contamination of these structures and airways.

Check off
label.

Foam Application: To treat structural voids for the control of insect and arthropod pests in walls, under slabs or in other void areas, convert Delta 4.75% SC to a foam by mixing the end-use dilution of Delta 4.75% SC with the manufacturer's recommended volume of foaming agent. Use the rate as recommended for a suspension treatment converted to a foam to get the correct foam expansion ratios. Before treatment check to make sure that the foaming agent is compatible with Delta 4.75% SC.

For control of **above-ground termites and wood-infesting beetles** in localized areas, apply a 0.06% suspension or sufficient volume of foam of Delta 4.75% SC to voids and galleries in damaged wood and in spaces between wooden structural members and between the sill plate and foundation where wood is vulnerable. Applications may be made to inaccessible areas by drilling and then injecting the suspension or foam with a suitable directional injector into the damaged wood or wall voids. All treatment holes drilled in construction elements in commonly occupied areas of structures must be securely plugged.

add
language

To control **termite carton nests** in building voids and trees, inject a 0.06% suspension or foam using a pointed injection tool. Multiple injection points to varying depths may be necessary. For best results, remove carton nest material from building voids and trees when nests are found. Termite carton nests in trees may be injected with 0.06% suspension or foam using a pointed injection tool.

To control **exposed worker and winged reproductive forms of termites**, applications to attics, crawl spaces, unfinished basements, or man-made voids may be made with a coarse fan spray of 0.06% suspension. For control of **swarming or reproductive stages of termites**, apply a 0.06% suspension to the swarm or area on which they collect. Delta 4.75% SC will kill **workers or winged reproductive forms** present at the time of treatment. These applications are supplemental only, and do not take the place of mechanical alteration, soil treatment or foundation treatment.

For control of **above-ground termites and carpenter ants** inside trees, utility poles, fencing and decking materials and similar structures, locate the infested area by drilling then inject 0.06% suspension or foam using an appropriate treatment tool with a splashback guard.

For protection of firewood from **carpenter ants and termites**, before stacking firewood, treat the soil underneath with a 0.06% suspension at 1 gallon per 8 square feet to prevent infestation. DO NOT treat firewood with this product.

For control of **carpenter ants** in houses and other structures, use a 0.06% suspension and apply as a general surface, spot, crack and crevice or wall void application using coarse spray or foam to thoroughly cover the treatment area. Make application around doors and windows and any other areas where carpenter ants may gain entrance. Apply as a spray or foam into cracks and crevices, and drill small holes into voids where ants or nests may be present. Do not apply more than 1 gallon of dilute suspension per 1000 square feet of treated surface.

For control of **tunneling carpenter ants** in soil, apply a 0.06% suspension as a drench or inject the suspension or foam at 8 to 12 inch intervals. Create a uniform vertical barrier at the edge of walls, driveways or other hard surfaces where ants are tunneling beneath the surfaces.

For control of **carpenter bees** in structures, apply a 0.06% suspension or sufficient volume of foam directly into gallery entrance holes. Leave the entrance holes open for 24 hours to make sure that returning adult bees are killed. If no activity is visible, use an appropriate sealant to seal the hole.

TURFGRASS APPLICATIONS

Delta 4.75% SC controls listed insects on turfgrasses and ornamental plants in outdoor areas such as athletic fields, recreational areas, residential landscapes, parks, and public and commercial sites. Make application when insects first appear ensuring uniform coverage.

Apply as a broadcast application using a minimum of 2 gallons of water per 1000 sq. ft. with a hydraulic boom-type sprayer or other suitable equipment for turfgrass pests. Follow the specified rates listed in the Application Rates for Turfgrass Sites table. Use higher volumes (4 to 10 gallons of water per 1000 sq. ft.) for areas of dense turfgrass and/or where turfgrass is mowed at greater heights. Control is achieved when the insecticide contacts the target pest. For best results on surface-feeding insects, do not irrigate or mow within 24 hours after application. For subsurface-feeding insects, apply 0.25 to 0.5 inch of water immediately after application. Do not allow people or pests into the treatment area until turfgrass has dried.

Tank Mixing: Delta 4.75% SC may be tank-mixed with other pest control or fertilizer products. Observe all restrictions, precautions and limitations appearing on the tank-mix partner label. To check for compatibility with Delta 4.75% SC, mix a small test sample of the products in the correct proportions with water in a quart jar. The use of silicone surfactants in tank mixtures with Delta 4.75% SC may enhance the control of some insects.

RESTRICTIONS: In New York State, product may not be applied to turf within 100 feet of a coastal marsh or stream that drains directly into a coastal marsh. For control of turf insects in New York, a second application may be made after two weeks if target insect activity persists.

Application Rates For Turfgrass Sites			
Sites	Pests	Rates	Use Instructions
Athletic fields, recreational areas, lawns & grounds, residential areas, parks, public and commercial sites	Ants, armyworms, centipedes, chiggers, cockroaches, crickets, cutworms, fleas(adult), grasshoppers, ground beetles, Japanese beetles (adults), leafhoppers, mealybugs, pillbugs, scorpions, sod webworms, sowbugs, springtails, spiders, ticks	0.4 to 0.6 fl. oz./1000 sq. ft. or 17.5 to 26 fl. oz./Acre or 0.06 to 0.08 lb. ai/A	Apply at first sign of pest presence. Apply as a broadcast spray in a minimum of 2 gallons of water per 1000 sq. ft. For best control of surface feeders such as cutworms and webworms, do not water or mow for 24 hours after application. For subsurface-feeders, such as mole crickets, apply 0.25 to 0.5 inch of water immediately after application. The use of silicone surfactants in tank mixtures with Delta 4.75% SC may enhance the control of some insects.
	Annual bluegrass weevil (adult), billbugs (adult), black turfgrass ataenius (adult), chinch bugs, mites*, mole crickets.	0.6 to 0.9 fl. oz./sq. ft. or 26 to 39 fl. oz./Acre or 0.08 to 0.13 lb. ai/A	

*Suppression Only

LANDSCAPE ORNAMENTAL TREATMENTS

Use Delta 4.75% SC to control the listed insects when applied as directed in the Application Rates for Ornamentals table below. Mix the Delta 4.75% SC with the required amount of water and apply as a finished spray to upper and lower leaf surfaces to ensure thorough coverage, but not to the point of run-off. Make sure to apply sufficient product to wet the leaves, trunk and branches of ornamentals.

Restrictions: Similar formulations have been tested on many species of ornamental plants with good results, but if local use information in this product is not available, it is recommended to pre-spray a few plants to check for compatibility.

Application Rates for Ornamentals:			
Sites	Pests	Rates	Remarks
Landscape ornamentals including trees, shrubs, evergreens and foliage plants	Adelgids, ants, aphids, azalea lace bugs, bagworms, boxelder bugs, cankerworms, cardamom thrips, cockroaches, crickets, elm leaf beetles, elm spanworms, European pine sawflies, fall webworms, flea beetles, flies, fungus gnats, grasshoppers, greenstriped mapleworm, Gypsy moth (larvae), imported willow leaf beetles, Japanese beetles (adults)*, June beetles (adults), lace bugs, leaf-feeding caterpillars, leafhoppers, leaf rollers, loopers, leaf skeletonizers, mealybugs, midges, mimosa webworms, mites**, orangestriped oakworms, pillbugs, pine shoot beetles, pine tip moths, pinyon spindlegall midges, plant bugs, redhumped caterpillar, red imported fire ants, sawfly larvae, sowbugs, spiders, springtails, spanworms, scale insects (crawlers), tent caterpillars, ticks, webworms, yellownecked caterpillar	4 to 8 oz./100 gallons of water	Apply at first sign of pest presence. Mix Delta 4.74% SC with the required amount of water and apply as a finished spray to ensure thorough coverage of all plant surfaces, but not to the point of run-off.

*Will provide anti-feedant properties on treated ornamentals against Japanese beetles.

**Suppression only.

PAINT ADDITIVE USE

Delta 4.75% SC may be mixed with latex coatings and oil-based coatings such as stains, varnishes and sealers for use to kill crawling and flying insects when exposed to treated surfaces.

Note: To ensure product efficacy, do not prepare more than the amount of latex coating that can be applied within 3 hours of mixing. For oil-based coating, stains, varnish or sealers, the amount of coating formulated should not exceed the amount that can be applied within 6 hours.

Restrictions: Do not allow children or pets to enter the treated area until surfaces are dry.

Mixing Instructions: Add 1 2/3 fl. oz. to 1 gallon [8 1/3 fl. oz. to 5 gallons] of latex coating (water base), oil base coating, and stains or sealers. Mix well to insure proper dilution.

How to Apply: Apply treated coating with brush, roller, or conventional airless equipment.

FOR INDOOR PEST CONTROL

Delta 4.75% SC may be applied in and on residential and non-residential buildings and structures including residential kitchens and all types of food/feed handling establishments. This product can be applied to non-food contact surfaces of walls, floors, ceilings, in and around cabinets, behind and beneath equipment and appliances, around floor drains, window and door frames and around plumbing, sinks and other possible pest harborage sites.

Note: Delta 4.75% SC can be applied only as a crack and crevice or spot treatment indoors. Do not use for broadcast interior applications such as entire walls, ceilings, and floors.

Permitted areas of use include, ~~but are not limited to~~, the food/feed and non-food/non-feed areas of:

Aircraft (cargo area only)

Apartment buildings

Bakeries

Bottling facilities

Breweries Buses

Cafeterias Candy plants

Canneries

Dairy product processing plants Food manufacturing plants Food processing plants

Food service establishments Granaries and grain mills Hospitals

Hotels

Houses

Industrial buildings

Installations Kitchens

Laboratories Mausoleums

Meat, poultry and egg processing and packaging plants

Mobile and motor homes

Nursing homes Offices

Railcars

Restaurants Schools

Ships and vessels

Trailers

Trucks

Warehouses Wineries

Restrictions:

- Do not apply to classrooms when in use.
- Do not use in aircraft cabins.
- Do not apply this product in occupied patient rooms or in any rooms/areas while occupied by patients, the elderly or infirm.
- Do not apply to institutions including libraries, sports facilities, or in the immediate area when occupants are present.

Pantry Pest Control: To kill adult and accessible stages of insect pests: Spiders, ticks, cockroaches and ants. Make application to cupboards, shelving and storage areas. Remove all foodstuffs, all utensils, shelf paper and other objects before coating with this product. Allow all treated surfaces to dry and cover shelves with clean paper prior to replacing foodstuffs, utensils or other items. Any foodstuff accidentally contaminated with any coating solution should be discarded.

Crawling Insect Pests (such as Spiders, Ticks, Cockroaches, Mosquitoes, Imported and , Southern Fire Ants, Leafcutter Ants and Silverfish): Apply Delta 4.75% SC to localized areas of walls, ceilings and other resting areas as a crack and crevice or spot treatment.

Delta 4.75% SC may be used inside residential buildings, as well as in and around carports, garages, storage sheds, unoccupied horse stables and pet kennels.

Pet Kennels: For residual control of crawling and flying insects in and around these structures, apply as cracks and crevices or spot treatment. Optimal control results if facilities to be treated are clean, and coated surfaces are cleaned regularly (every 21 days). Apply only to areas of facility where animals are not present. Allow coating to dry before allowing re-entry of animals into treated areas. Do not apply to animal feed or watering equipment.

Food/Feed Handling Establishments: For control of all labeled pests, applications are permitted in food/feed and non-food/non-feed areas of food/feed handling and processing establishments as spot or crack and crevice treatment.

Food/Feed handling establishments are defined as places other than private residences in which exposed food/feed is held, processed, prepared or served. Included also are areas for receiving, storing, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) of food/feed. Serving areas where food/feed is exposed and the facility is in operation are also considered food/feed areas.

Non-Food/Non-Feed Areas: Examples of non-food/non-feed areas include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (after packaging, canning or bottling). All areas that insects inhabit or through which insects may enter should be treated.

Note: Do not use this application method in the food/feed handling areas of the facility when the facility is in operation or foods/feeds are exposed. Do not apply directly to food/feed products. Cover or remove all food/feed processing and/or handling equipment during application. After application in food/feed processing plants, cafeterias and similar facilities wash all equipment, benches, shelving and other surfaces which food/feed will contact. Clean food/feed handling or processing equipment and thoroughly rinse with clean, fresh water. After application in bakeries, clean all food contact surfaces thoroughly with appropriate equipment.

Spot or Crack and Crevice Applications: Except in federally inspected meat and poultry plants, spot or

crack and crevice applications may be made while the facility is in operation, provided exposed food is covered or removed from area being treated prior to application. Do not apply directly to food or food-handling surfaces. In the home, do not allow coating to contact food/feed surfaces. If it does, clean surfaces with soap and water.

FOR OUTDOOR PEST CONTROL

For Commercial/Industrial Use Only

Kills cockroaches in sewer manholes and related sanitary sites.

Application Instructions: To control cockroaches in manholes, sewers, sewer cleanouts, floor drains and underground utility vaults. Apply product on manhole walls. Product may be applied via coarse spray using conventional airless spray equipment. Persons applying product in manhole must comply with CLOSED ENTRY requirements of government agencies.

Apply treated latex coating with remote access application equipment.

Residual Application: Apply Delta 4.75% SC to surfaces of buildings, porches, window frames, eaves, patios and garages, to control Spiders, Ticks, American and German Cockroaches, Silverfish, Imported and Southern Fire Ants and Leafcutter Ants.

Note: Do not apply to furniture, swing sets, or other outdoor playground articles.

CORRUGATED and CARDBOARD BOXES AND LINERS

For Commercial/Industrial Use Only

Delta 4.75% SC provides residual protection to the outer surface of corrugated and cardboard (folding carton) boxes against insects that damage or feed on paper, corrugated or cardboard (folding carton).

Mixing Instructions: To protect the outer surface of the box from damage from insects, such as spiders, ticks, silverfish, cockroaches, ants and weevil, mix 2.1 fluid oz. Delta 4.75% SC to coating for corrugated or cardboard (folding carton).

Note: This coating can only be applied to the outside of the corrugated or cardboard (folding carton) box or to corrugated or cardboard (folding carton) box liner that is to be used for the exterior portion of the corrugated or cardboard (folding carton) box.

How to Apply: Make application at a rate of one gallon of coating containing Delta 4.75% SC to 6000 to 8000 square ft. of surface (include size press, rod, blade, air knife, offset press, gravure and flexography). DO NOT APPLY TO INNER SURFACE OF BOXES.

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Mix as needed. Store in original container in a secured dry storage area. Avoid extremes in temperatures. Prevent cross-contamination with other pesticides and fertilizers. If the container is leaking and/or material is spilled, on floor or paved surfaces, absorb on sawdust or other commercially available absorbing material, sweep up and remove to chemical waste area for your disposal. Concentrate is stable at normal storage temperatures.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. **Containers less than 5 gallons:** Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke. **Containers greater than 5 gallons:** Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Refillable containers: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from the container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond Control Solutions, Inc.'s control, it is impossible for Control Solutions, Inc. to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: CONTROL SOLUTIONS, INC. MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those

contained herein or to modify the warranties contained herein. Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT CONTROL SOLUTIONS, INC.'S ELECTION, THE REPLACEMENT OF PRODUCT.

[Optional Marketing Language:

D-FENSE™ SC is a concentrated suspension of pure micro-crystals of the active ingredient Deltamethrin.

Utilized for crack and crevice and spot applications in homes, hotels and schools, D-FENSE™ SC is a valuable tool in your integrated pest management arsenal for many types of structural pest control.

Broad use sites include Residential, Commercial, Residential Turf and Landscape and Ornamental Plants. D-FENSE™ SC can even be applied to mattresses for control of bedbugs and lice, and is safe for use on paints, plastics, fabrics and other surfaces.

Mix D-FENSE™ SC with water and apply indoors as a crack and crevice, spot or general surface treatment with hand pressurized, backpack sprayers or power operated sprayers or other suitable equipment for indoor & outdoor pest control.

- Low odor
- Controls ants, bedbugs, cockroaches, fleas, flies, silverfish, spiders and many other listed pests
- Mattress and broadcast application for bedbugs and lice]



FEE

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460**

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION
OFFICE OF PESTICIDE PROGRAMS REGISTRATION DIVISION (7505P)

DP BARCODE No.: 394396; **FILE SYMBOL No.:** 53883-276; **PRODUCT NAME:** Delta 4.75% SC;
DECISION No.: 452184; **PC Code(s):** 097805; **ACTION CODE:** R340; **FOOD Use:** Yes

DATE OUT: November 14, 2011

SUBJECT: End Use Product Chemistry Review
Product Name: Deltamethrin

FROM: Shyam Mathur
Product Chemistry Team Leader
Technical Review Branch/RD (7505P)

SB Mathur
11/14/11
D.M.

TO: RosannaLouie-Juzwiak / Mark Suarez, RM 13
Insecticide Branch / RD (7505P)

Company Name: Control Solutions, Inc.
Formulation Type: Insecticide (Suspension Concentrate, SC)

INTRODUCTION:

The registrant has submitted an application for the registration of the end use product "Delta 4.75% SC." In support of the registration application, the registrant has submitted 830 series group A product chemistry data with MRID No.485441-01, and 830 series group B data with MRID No.485441-02. The registrant submitted a CSF for a basic formulation (dated 6/24/2011). The data are submitted to support the application of a pesticide amendment of the end-use product "Delta 4.75% SC", EPA Reg. No. 53883-276. This amendment is to change the basic formulation (new active source and inert ingredients); add a new manufacturing process to the registration; and add food uses and paint additive language to the label. Also included was a current CSF for a basic formulation dated 7/27/2010. The primary review was conducted by Summitec Incorporation, Knoxville, TN. TRB has been asked to determine the acceptability of the amended basic CSF and the supporting product chemistry data.

SUMMARY OF FINDINGS:

1. Name of Active Ingredient(s): Deltamethrin (4.75%)

2. Has the registrant claimed substantial similarity to a registered product?

☐ Yes; ☒ No; ☐ NA; if yes give the registration number of the cited product.

EPA Reg. No:

3. All of the source materials of the active ingredient are derived from registered sources- ☒ Yes ☐ No

4. All inert ingredients have been screened by IIAB and found to be approved for the proposed labeled Uses: ☒ Yes; ☐ No

5. Confidential Statement of Formula(s):

☒ Current Basic – Dated: 7/27/2010; Amended CSF- Dated: 6/24/2011

☐ Alternate CSF – Dated; Re-submitted – Dated:

Alternate CSF(s) complies with 40CFR§152.43: ☐ Yes; ☐ No; ☒ NA

6. Product label

a. Ingredient statement: Nominal concentration of AI listed on CSF(s) concurs with product label (PR Notice 91-2).

☒ Yes; ☐ No; if not, explain below:

Is the sub statement in compliance with PR Notice 97-6 (inert ingredient vs other ingredient)

☒ Yes; ☐ No; if not, explain below:

Metallic equivalent: ☐ Yes ☒ NA

Soluble arsenic: ☐ Yes ☒ NA

Isomeric ratios: ☐ Yes ☒ NA

Acid Equivalent: ☐ Yes ☒ NA; acid equivalent =

b. Health related sub statements: Product contains?

Petroleum distillate at > 10%: ☐ Yes ☒ No ☐ NA

Methanol at > 4%: ☐ Yes ☒ No ☐ NA

Sodium nitrate/Sodium nitrite ☐ Yes ☒ No ☐ NA

c. Physical chemical hazard statement: Product label requires a statement per 40 CFR §156.78 for: flammability, explosive potential or electric insulator breakdown?

☐ Yes; ☒ No

Is the sub statement in compliance with PR Notice 98-6 (Total Release Fogger)?

☐ Yes; ☐ No; ☒ NA; if not, explain below

d. Label requires an additional Storage and Disposal statement:

☐ Yes; ☒ No; if yes explain below:

7. Group A: Product Chemistry Data

TRB's determination of the acceptability for the proposed product is listed in the tables below.

Guideline No.	Study Title		Data submitted		TRB's Assessment of Data	MRID Nos.
			Yes	No		
830.1550	Product Identity & Composition		X		A	CSF; 485441-01
830.1600	Description of materials used to produce the product		X		A	CSF; 485441-01
830.1650	Description of formulation process		X		N	485441-01
830.1670	Discussion on the formation of impurities		X		A	485441-01
830.1750	Certified limits (158.350)	Standard certified limits	X		A	CSF; 485441-01
		Proposed Limits				
		Justification for wider limits				
830.1800	Enforcement analytical method				G	

A = Acceptance, N = Not Acceptable, G = Data Gap, W = Waiver Request, I = In Progress, NA = Not Applicable; U = Upgradeable.

DP BARCODE No.: 394396; FILE SYMBOL No.: 53883-276; PRODUCT NAME: Delta 4.75% SC;
 DECISION No.: 452184; PC Code(s): 097805; ACTION CODE: R340; FOOD Use: Yes

8. Group B:

Guideline No.	Study Title	Value or Qualitative Description	TRB's Assessment of Data	MRID Nos.
830.6303	Physical state	Liquid	A	485441-02
830.6315	Flammability	NA; product does not contain combustible liquids	A	485441-02
830.6316	Explodability	NA; neither the technical ai nor the inert ingredients are considered potentially explosive	A	485441-02
830.7000	pH	6.0	A	485441-02; CSF
830.7300	Density/ relative density/ bulk density	1.04 g/mL @ 20°C	A	485441-02; CSF

A = Acceptance, N = Not Acceptable, G = Data Gap, W= Waiver request, NA = Not applicable, I = In progress; U = Upgradeable.

CONCLUSIONS:

The TRB has reviewed the product chemistry data submitted for the proposed end-use product and has concluded that:

1. The proposed CSF for the basic formulation dated 6/24/2011 is acceptable. ✓
2. The data submitted corresponding to guideline 830.1550 (product identity and composition) is acceptable. ✓
3. The product chemistry data submitted corresponding to guideline reference 830.1600 (description of material used to produce the product) satisfy the data requirements. ✓
4. The data submitted corresponding to Guideline 830.1650 (description of formulation process) do not satisfy the data requirements but are upgradable if the following missing details can be provided: quantity of product produced per theoretical time; quantities in pounds or kilograms of reactants, solvents, and catalysts; description of conditions (temperature, humidity, etc.); description of procedures used to assure consistent composition of the substance produced, such as calibration of equipment, sampling regimens, analytical methods, etc. (states only that batch is tested for compliance with all QC specifications).
5. Product chemistry data corresponding to guideline 830.1670 (discussion of the formation of impurities) are acceptable. ✓
6. No data were submitted corresponding to guideline 830.1800 (enforcement analytical method). ✓
7. The product chemistry group B data are considered acceptable; a signed and dated self-certification statement was submitted. It is noted that the data for storage stability (830.6317) and corrosion characteristics (830.6320) are "in progress." ✓
8. The proposed label was screened as it pertains to the product chemistry requirements. The final review of the proposed label and uses are the purview of the RM team.

DATA EVALUATION RECORD

DELTA 4.75% SC

STUDY TYPE: Product Identity and Composition (OPPTS 830.1550)
Description of Beginning Materials (OPPTS 830.1600)
Description of Formulation Process (830.1650)
Discussion of Formation of Impurities (OPPTS 830.1670)
Certified Limits (OPPTS 830.1750)
Physical and Chemical Characteristics (OPPTS 830.6302-830.7300)

MRIDs 485441-01, 485441-02

Prepared for
Registration Division
Office of Pesticide Programs
U.S. Environmental Protection Agency
One Potomac Yard
2777 South Crystal Drive
Arlington, VA22202

Prepared by
Summitec Corporation
9724 Kingston Pike, Suite 602

Knoxville, Tennessee 37922

Task Order No. 3-A-126

Primary Reviewer:

Claudia M. Troxel, Ph.D.

Signature: _____

Date: _____

Secondary Reviewers:

Dennis M. Opresko, Ph.D.

Signature: _____

Date: _____

Robert H. Ross, M.S., Program Manager

Signature: _____

Date: _____

Quality Assurance:

Angela M. Edmonds, B.S.

Signature: _____

Date: _____

Disclaimer

This review may have been altered subsequent to the contractor's signatures above.

Summitec Corp. for the U.S. Environmental Protection Agency under Contract No.EP-W-11-014

BIOLOGIC INC.
agribusiness professionals

July 7, 2011

Document Processing Desk (AMEND)
Office of Pesticide Programs (7504P)
US Environmental Protection Agency
One Potomac Yard
2777 S. Crystal Drive
Room S-4900, 4th Floor
Arlington, VA 22202

Attention: Mr. Mark Suarez (PM #13)
RE: "Delta 4.75% SC"; EPA Reg. No. 53883-276
Application for Pesticide Amendment – Revised Basic Formulation, Alternate Manufacturing
Process, add Food Uses and Paint Additive Uses to the Label

Dear Mr. Suarez:

On behalf of Control Solutions, Inc. we are submitting an Application for Pesticide Amendment for the above mentioned product. This amendment action is to - 1) change the basic formulation (active and inert ingredients); 2) add an alternate manufacturing process; and 3) add food uses and paint additive uses to the label.

The following documents are submitted in order to process this amendment action:

Volume 1 Administrative Materials

- Application for Pesticide Amendment (EPA Form 8570-1)
- Certification With Respect to Citation of Data (EPA Form 8570-34)
- Data Matrix (EPA Form 8570-35)
- Formulator's Exemption Statement (EPA Form 8570-27)
- Confidential Statement of Formula (EPA Form 8570-4)
- Five (5) copies of draft labeling

Volume 2 Alternate Formulation Product Identity and Composition

OPPTS Guideline 830.1550 through 830.1900

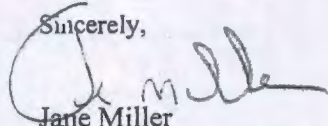
Volume 3 Alternate Formulation Physical/Chemical Characteristics

OPPTS Guideline 830.6302 through 830.7950

This Application for Pesticide Amendment will fall within the category on Table 5 - Registration Division: Amendments to Registration, EPA No. R340; CR No. 54. The PRIA fee for this application is \$3,617.

Should you have any questions or need additional information, please feel free to contact my office at (203) 740-1200.

Sincerely,



Jane Miller

Agent to Control Solutions, Inc.



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☒ Amendment
☐ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 53883-276	2. EPA Product Manager M. Suarez	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Delta 4.75% SC	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

This amendment is to add 1) an alternate formulation, 2) alternate manufacturing process, and 3) food uses to the label. This action will fall within the category as stated in Table 5 - Registration Division: Amendments to Registration as published in the Federal Register. This product is further defined under EPA No. R340; CR No. 54. The PRIA fee for this registration action is therefore \$3,617.

Jane M. Miller - Tel: 203-740-1200; Fax: 203-740-1220; Email: jmill@biologicconsulting.com

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Jane M. Miller	Title Agent	Telephone No. (Include Area Code) (203) 740-1200
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Agent	
4. Typed Name Jane M. Miller	5. Date Jun 24, 2011	

DATA PACKAGE BEAN SHEET

Date: 23-Sep-2011

Page 1 of 2

Decision #: 452184

DP #: (394396)

PRIA

Parent DP #:

Submission #: 899936

E-Sub #:

FEE

*** Registration Information ***

Registration: **53883-276 - DELTA 4.75% SC**

Company: **53883 - CONTROL SOLUTIONS, INC.**

Risk Manager: **RM 13 - Mark Suarez - (703) 305-0120 Room# PY1 S-7246**

Risk Manager Reviewer: **Rosanna Louie-Juzwiak RLOUIE**

Sent Date: _____

Calculated Due Date: **10-Dec-2011**

Edited Due Date: _____

Type of Registration: **Product Registration - Section 3**

Action Desc: **(R340) NON-FAST-TRACK (INCLUDES CHANGES TO PRECAUTIONARY LABEL STATEME**

Ingredients: **097805, Deltamethrin(4.75%)**

R340
DP 89507

*** Data Package Information ***

Expedite: ☐ Yes ☒ No

Date Sent: **23-Sep-2011**

Due Back: _____

DP Ingredient: **097805, Deltamethrin**

DP Title: **#53883-276 - New CSF formul., alt. manuf. proc.**

CSF Included: ☒ Yes ☐ No

Label Included: ☒ Yes ☐ No

Parent DP #: _____

Assigned To

Date In

Date Out

Organization: **RD / TRB**

Last Possible Science Due Date: **10-Nov-2011**

Team Name: **CHEM**

Science Due Date: _____

Reviewer Name: *Shyam Matey*

11/10/11

11/17/11

Sub Data Package Due Date: _____

Contractor Name: _____

*** Studies Sent for Review ***

Printed on Page 2

*** Additional Data Package for this Decision ***

No Additional Data Packages

*** Data Package Instructions ***

Attn: Product Chemistry - please review the attached studies in support of a new basic CSF to allow for food uses. Please contact Mark Suarez with any questions.

Attachments:

- application
- cover letter
- draft basic CSF
- previously approved basic CSF

- draft label

6

MRID	MRID Status	Citation Reference	Guideline
48544102		Miller, J. (2011) Delta 4.75% SC: Physical/Chemical Characteristics. Project Number: CSI/DELTA75/830/2A. Unpublished study prepared by Biologic, Inc. 6p.	830.6303/Physical state
48544101		Miller, J. (2011) Alternate Formulation: Product Identity and Composition. Project Number: CSI/DELTA475/830/2. Unpublished study prepared by Biologic, Inc. 91p.	830.1600/Description of materials used to produce the product
48544101		Miller, J. (2011) Alternate Formulation: Product Identity and Composition. Project Number: CSI/DELTA475/830/2. Unpublished study prepared by Biologic, Inc. 91p.	830.1650/Description of formulation process
48544102		Miller, J. (2011) Delta 4.75% SC: Physical/Chemical Characteristics. Project Number: CSI/DELTA75/830/2A. Unpublished study prepared by Biologic, Inc. 6p.	830.6302/Color
48544102		Miller, J. (2011) Delta 4.75% SC: Physical/Chemical Characteristics. Project Number: CSI/DELTA75/830/2A. Unpublished study prepared by Biologic, Inc. 6p.	830.7000/pH
48544101		Miller, J. (2011) Alternate Formulation: Product Identity and Composition. Project Number: CSI/DELTA475/830/2. Unpublished study prepared by Biologic, Inc. 91p.	830.1550/Product Identity and composition
48544102		Miller, J. (2011) Delta 4.75% SC: Physical/Chemical Characteristics. Project Number: CSI/DELTA75/830/2A. Unpublished study prepared by Biologic, Inc. 6p.	830.7300/Density/relative density
48544101		Miller, J. (2011) Alternate Formulation: Product Identity and Composition. Project Number: CSI/DELTA475/830/2. Unpublished study prepared by Biologic, Inc. 91p.	830.1750/Certified limits
48544102		Miller, J. (2011) Delta 4.75% SC: Physical/Chemical Characteristics. Project Number: CSI/DELTA75/830/2A. Unpublished study prepared by Biologic, Inc. 6p.	830.7100/Viscosity
48544102		Miller, J. (2011) Delta 4.75% SC: Physical/Chemical Characteristics. Project Number: CSI/DELTA75/830/2A. Unpublished study prepared by Biologic, Inc. 6p.	830.6304/Odor
48544101		Miller, J. (2011) Alternate Formulation: Product Identity and Composition. Project Number: CSI/DELTA475/830/2. Unpublished study prepared by Biologic, Inc. 91p.	830.1670/Discussion of formation of impurities

Decision Information for 53883-276

Decision Seq: **452184** Action Code: **R340, NON-FAST-TRACK (INCLUDES CHANGES TO PRECAUTION ...**

FFS Start Date: **10-Aug-2011** Tentative Ind: **No** FFS Original Decision: **...**

Due Date: **10-Dec-2011** 75-Day Due Date: **...** FFS EUP Decision: **...**

OPP Target Due Dt: **...** 21-Day Screen Dt: **10-Aug-2011** FFS Primary Decision: **...**

Negotiated Due Dt: **...** **Start/Stop Clock** FGPA Clock: **...**

Registrant: **...** **id** Days Elapsed: **...**

Response Due Date: **...**

Current Status: **PENDING (21-Jul-2011)**

Decision Comments **Payment** **Unmatched Payments** **75 Day Letters**

Meetings & Milestones **FFS Information** **FFS Negotiated Due Dates** **OPP Target Due Date**

Decision Ownership **Receipts** **Data Package** **Reduced Risk**

Receipts	Staff Member	Reg/DCI Number	Submission Due Dt	Response
S:999936	Louie-duzwiak, Rosanna <i>M.S.</i>	53883-276	10-Dec-2011	PENDING
Addition of revised CSF, alternate manufacturing process, food and paint additive uses				

Viewing Record 1 of 1

DP 394396, to PC/TRB 23 Sep 2011

(11)

21-Day Screen of Amendment
(Completed by Contractor)

21-day Expires on 8-10-11

Document Part Of: 53883-276
MRID, If Any: 485441

Content Screen: Recommended to
Pass/Fail

86-5 Review: Passed/Failed/NA

Overall Status: Pass/Fail

Document returned to:

Stephen Schauble

PM 13

PRIA 2 – 21 Day Content Screen Review Worksheet

(EPA/OPP Use Only)

3/23/09

21 Day Screen Start Date: 7-20-11

Experts In-Processing Signature: MF Harrington Date 7-21-11 Fee Paid: Yes ☒

Division management contacted on issues No ☐ Yes ☐ Date _____

EPA Reg. Number: <u>53883-276</u>		EPA Receipt Date: <u>7-20-11</u>				
Items for Review				Yes	No	N/A*
1	Application Form (EPA Form 8570-1)(link to form) signed & complete including package type			X		
2	Confidential Statement of Formula all boxes completed, form signed, and dated (EPA Form 8570-4) (Link to form)			X		
	a) All inerts (link to http://www.epa.gov/oppr001/inerts/), including fragrances, approved for the proposed uses (see Footnote A)	yes	no			
		X				
3	Certification with Respect to Citation of Data (EPA Form 8570-34) (Link to form) completed and signed (N/A if 100% repack)			X		
	Certificate and data matrix consistent			X		
	If applicant is relying on data that are compensable, is the offer to pay statement included. (see Footnote B)	yes	no			
	If applicable, is there a letter of Authorization for exclusive use only.					
4	Formulator's Exemption Statement (EPA Form 8570-27) (Link to form) completed and signed (N/A if source is unregistered or applicant owns the technical)			X		
	Data Matrix (EPA Form 8570-35) (Link to form) both internal and external copies (PR 98-5) (Link to PR 98-5) completed and signed (N/A if 100% repack)			X		
5	a) Selective Method (Fee category experts use)	yes	no			
	b) Cite-All (Fee category experts use)	X				
	c) Applicant owns all data (Fee category experts use)					
6	5 Copies of Label (link to http://www.epa.gov/opffead1/labeling/lrm/) (Electronic labels on CD are encouraged and guidance is available)(link to http://www.epa.gov/pesticides/regulating/registering/submissions/index.htm#labels)			X		

7	Is the data package consistent with PR Notice 86-5 (link to PRN 86-5)	X		
8	Notice of Filing (link to http://www.epa.gov/pesticides/regulating/tolerance_petitions.htm) included with petitions (link to http://www.epa.gov/pesticides/regulating/tolerances.htm)			X
9	If applicable for conventional applications, reduced risk rationale (link to http://www.epa.gov/opprd001/workplan/reducedrisk.html)			X
10	Required Data (link to http://www.epa.gov/pesticides/regulating/data_requirements.htm) and/or data waivers. See Footnote C.			
	a) List study (or studies) not included with application			

Comments:

- Studies passed 86-5 Review
- Inerts approved for food use under 40 CFR 180.910, pre and post harvest app.

JB

07/27/11

MRID: 485441

* N/A – Not Applicable

Footnotes

A. During the 21 day initial content review, all CSFs will be reviewed to determine whether all inerts listed, including fragrances, are approved for the proposed uses. If an unapproved inert is identified, the applicant must either 1) resolve the inert issue by, for example, removing the inert, substituting it with an approved inert, submitting documentation that EPA approved the inert for the proposed pesticidal uses, correcting mistakes on the CSF, etc. or 2) provide the data to support OPP approval of the inert or 3) withdraw the application. Removing or substituting an inert ingredient will require a new CSF and may require submission of data. All information, forms, data and documentation resolving the inert issue must have been received by the Agency or the application withdrawn within the 21 day period, otherwise, the Agency will reject the application as described below.

To successfully complete this aspect of the 21 day initial content screen, applicants are **strongly encouraged** to verify that all inert ingredients have been approved for the application's uses **even if a product is currently registered** by consulting the inert Web

site [link to <http://www.epa.gov/oppr001/inerts/lists.html>] and if the inert is not approved, to **obtain the necessary inert approval prior to submitting an application to register a pesticide product containing that inert ingredient.** Some inert ingredients are no longer approved for food uses or certain types of uses. The name and/or CAS number on a CSF must match the name and CAS number on this web site. Simple typographical errors in the name or CAS number have resulted in processing delays.

If an inert is not listed on the inert ingredient web site and the applicant believes that the inert has been approved, the applicant should contact the Inert Ingredient Assessment Branch (IIAB) at inertsbranch@epa.gov and resolve the issue. Copies of the correspondence with IIAB resolving the issue should accompany the application. All new inerts except PIP inerts are reviewed by IIAB. The IIAB should also be contacted for any questions on what supporting data needs to be submitted for and the Agency's inert review process. Questions on PIP inerts should be directed to the Chief of Microbial Pesticides Branch [Link to http://www.epa.gov/oppb001/biopesticides/contacts_bppd.htm].

When a brand, trade, or proprietary name of an inert ingredient is listed on a CSF, additional information such as an alternate name of the inert, CAS number or other information [link to <http://www.epa.gov/oppr001/inerts/tips.pdf>] must also be included to enable the Agency to determine if it has been approved. Each component of an inert mixture (including a fragrance) must be identified. In some cases, the supplier of the mixture or fragrance may need to provide this information to the Agency. Prior to the Agency's receipt of an application, applicants must arrange with a proprietary mixture or fragrance supplier to provide the component information to the Agency or promptly upon EPA's request. If the inert ingredients in a proprietary blend (including fragrances) cannot or are not identified or provided within the 21-day content review period, the Agency will reject the application.

During the 21 day content review, applicants should submit information to the individual identified by the Agency when the applicant is informed of an unapproved inert.

Unapproved Inerts Identified on CSFs

All applications except conventional new products and PIPs

Once an unapproved inert is identified on a CSF, the Agency will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the inert's identity or CAS number, providing documentation that the inert has been approved, or removing the unapproved inert from the CSF or replacing it with one that is approved for the application's uses; or
2. Submit the information and data needed for the Agency to approve the unapproved inert. If this option is selected and implemented, the Agency may request an extension in the PRIA decision review timeframe to accommodate the inert review/approval process;

3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of these options is selected and implemented by the applicant within the 21 day content review period, the Agency will reject the application and retain 25% of the full fee of the category identified.

Conventional New Product Applications

When the Registration Division identifies an unapproved inert on a CSF with an application for a new product that the applicant has not identified as requiring an inert approval (R311, R312 or R313), it will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the inert's identity or CAS number, providing documentation that the inert has been approved, or removing the unapproved inert from the CSF or replacing it with one that is approved for the application's uses; or
2. Submit the information and data needed for the Agency to approve the unapproved inert, including any required petition to establish or amend a tolerance or exemption from a tolerance. (This option may change the PRIA category for the application, which could require a longer decision review time and a larger fee. If additional fees are due, they must be received by the Agency within the 21 day content review period.)
3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of the above options is selected and implemented during the 21-day content-review period, the Agency will reject the application and retain 25% of the appropriate fee for the new product-inert approval category.

PIP Applications

When the Biopesticide and Pollution Prevention Division identifies an unapproved inert on a PIP CSF and a request to approve the inert does not accompany the application, it will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the spelling or name of the inert to that in 40 CFR 174, or providing documentation that the inert has been approved; or
2. Submit the information and data needed for the Agency to approve the unapproved inert. If an inert ingredient tolerance exemption petition is required, the petition must be received by the Agency and the B903 fee paid within the 21 day period. If this option is selected and implemented, the Agency will discuss harmonizing the timeframe for both actions.

3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of the above options is selected and implemented during the 21 day content review period, the Agency will reject the application and retain 25% of the fee.

B. A policy on documentation of offers to pay is still being developed, however, for a me-too or fast track (similar/identical) new product, R300 or A530, an application without the necessary authorizations of offers to pay will be placed into either R301 or A531. The Agency recommends that authorizations of offers to pay be submitted with other PRIA applications to avoid delays in the Agency's decision.

C. Biopesticide applicants are advised to contact the Agency and discuss study waivers prior to submitting their application to the Agency. Documentation of such discussions should be submitted with the study waiver.

Memorandum

Date: 07 / 26 / 11

To: PM 13, Regulatory Manager

From: Information Services Branch, ITRMD

Your receipt of this data submission is not an indication that MRIDs for the enclosed studies have been posted to OPPIN.

We expect that it will be approximately 5 days from the above date before the study-level data is available in OPPIN.

If you have any questions about this process, please contact Teresa Downs (305-5363).

This is a: ☒ fully accepted submission
☐ partially accepted submission
☐ rejected submission



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

July 21, 2011

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

OPP Decision Number: D-452184
EPA File Symbol or Registration Number: 53883-276
Product Name: DELTA 4.75% SC
EPA Receipt Date: 20-Jul-2011
EPA Company Number: 53883
Company Name: CONTROL SOLUTIONS, INC.

ANNE TURNBOUGH, PH.D.
CONTROL SOLUTIONS, INC.
5903 GENOA-RED BLUFF ROAD
PASADENA, TX 77507-1041

SUBJECT: Receipt of Registration Amendment Subject to Registration Service Fee

Dear Registrant:

The Office of Pesticide Programs has received your amendment and certification of payment. If you submitted data with this application, the results of the PRN-86-5 screen will be communicated separately. During the administrative screen, the Office of Pesticide Programs has determined that this Action is subject to a Pesticide Registration Service Fee as defined in the Pesticide Registration Improvement Act.

The Action has been identified as Action Code: R340

NON-FAST-TRACK (INCLUDES CHANGES TO PRECAUTIONARY LABEL
STATEMENTS;SOURCE CHANGES TO AN UNREGISTERED SOURCE);

No additional payment is due at this time.

If you have any questions, please contact the Pesticide Registration Service Fee
Ombudsman at (703) 308-9362.

Sincerely,

A handwritten signature in black ink, appearing to be "m. j. [unclear]".

Front End Processing Staff
Information Technology & Resources Management Division

Fee for Service

{899936`~

This package includes the following

- ☐ New Registration
- ☒ Amendment

☒ Studies? ☐ Fee Waiver?

☐ volpay % Reduction: ____

for Division

- ☐ AD
- ☐ BPPD
- ☒ RD

Risk Mgr. 13

Receipt No.

S-

899936

EPA File Symbol/Reg. No.

53883-276

Pin-Punch Date:

7/20/2011

☐ This item is NOT subject to FFS action.

Action Code:

Requested: R340

Granted: R340

Amount Due: \$ 3,617-

Parent/Child Decisions:

☒ Inert Cleared for Intended Use

☐ Uncleared Inert in Product

Reviewer: R. Lee J. J. J.

Date: 21 July 2011

Remarks:

Receipt for Section 3

S: 899936

Resubmission: ☐ Yes ☒ No

Regulatory Type: Product Registration - Section 3

Fee For Service: ☐ Yes ☒ No

Application Type: Amendment

Billable: ☒ Yes ☐ No

Company: 53883 CONTROL SOLUTIONS, INC. ☒

Risk Manager: Registration Division, Risk Management Team 13

Product #: 53883-276 Product Name: DELTA 4.75% SC

Override#:

Me Too Section3: 432-763 Me Too Product Name: K-OTHRINE SC INSECTICIDE

Application Date: 26-Jun-2011 ☒

OPP Rec'd Date: 20-Jul-2011 ☒

Front End Date: 20-Jul-2011 ☒

Risk Manager Send Date: ☐

FFS Due Date:

Negotiated Due Date:

OPP Target Date:

Fast Track: ☐

New Ingredient: ☐

Receipt Description:

CSF and Label amendment

New Ingredient Request Date:

New Ingredient Received Date:

New Ingredient Received Date:

New Ingredient Received Date:

Form A: ☐ Signature Date:

Form B: ☐ Signature Date:

Print Letter

Enter More Information

Tracking

Receipt Content

Study

CSF

View/Edit

Jane Miller

From: paygovadmin@mail.doc.twai.gov
Sent: Saturday, July 16, 2011 12:05 PM
To: jmill@biologicconsulting.com
Subject: Pay.Gov Payment Confirmation

THIS IS AN AUTOMATED MESSAGE. PLEASE DO NOT REPLY.

Your transaction has been successfully completed.

Transaction Summary

Application Name: PRIA Service Fees
Pay.gov Tracking ID: 253TQ598
Agency Tracking ID: 74220115242
Transaction Type: Sale
Transaction Date: Jul 16, 2011 12:05:17 PM

Account Holder Name: Jane M. Miller
Transaction Amount: \$3,617.00
Billing Address: 115 Obtuse Hill Road
City: Brookfield
State/Province: CT
Zip/Postal Code: 06804
Country: USA
Card Type: Visa
Card Number: *****0690

Decision Number:
Registration Number: 53883-276
Company Name: Control Solutions, Inc.
Company Number: 53883
Action Code: R340





United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☒ Amendment
☐ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 53883-276	2. EPA Product Manager M. Suarez	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Delta 4.75% SC	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

This amendment is to add 1) an alternate formulation, 2) alternate manufacturing process, and 3) food uses to the label. This action will fall within the category as stated in Table 5 - Registration Division: Amendments to Registration as published in the Federal Register. This product is further defined under EPA No. R340; CR No. 54. The PRIA fee for this registration action is therefore \$3,617.

Jane M. Miller - Tel: 203-740-1200; Fax: 203-740-1220; Email: jmill@biologicconsulting.com

Section - III

1. Material This Product Will Be Packaged In:					
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Jane M. Miller	Title Agent	Telephone No. (Include Area Code) (203) 740-1200	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title Agent		
4. Typed Name Jane M. Miller	5. Date Jun 24, 2011		

BIOLOGIC INC.
agribusiness professionals

July 7, 2011

Document Processing Desk (AMEND)
Office of Pesticide Programs (7504P)
US Environmental Protection Agency
One Potomac Yard
2777 S. Crystal Drive
Room S-4900, 4th Floor
Arlington, VA 22202

Attention: Mr. Mark Suarez (PM #13)
RE: "Delta 4.75% SC"; EPA Reg. No. 53883-276
Application for Pesticide Amendment – Revised Basic Formulation, Alternate Manufacturing Process, add Food Uses and Paint Additive Uses to the Label

Dear Mr. Suarez:

On behalf of Control Solutions, Inc. we are submitting an Application for Pesticide Amendment for the above mentioned product. This amendment action is to - 1) change the basic formulation (active and inert ingredients); 2) add an alternate manufacturing process; and 3) add food uses and paint additive uses to the label.

The following documents are submitted in order to process this amendment action:

Volume 1 Administrative Materials

- Application for Pesticide Amendment (EPA Form 8570-1)
- Certification With Respect to Citation of Data (EPA Form 8570-34)
- Data Matrix (EPA Form 8570-35)
- Formulator's Exemption Statement (EPA Form 8570-27)
- Confidential Statement of Formula (EPA Form 8570-4)
- Five (5) copies of draft labeling

Volume 2 Alternate Formulation Product Identity and Composition

OPPTS Guideline 830.1550 through 830.1900

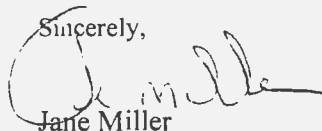
Volume 3 Alternate Formulation Physical/Chemical Characteristics

OPPTS Guideline 830.6302 through 830.7950

This Application for Pesticide Amendment will fall within the category on Table 5 - Registration Division: Amendments to Registration, EPA No. R340; CR No. 54. The PRIA fee for this application is \$3,617.

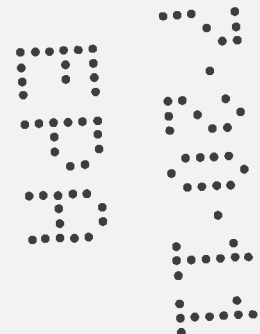
Should you have any questions or need additional information, please feel free to contact my office at (203) 740-1200.

Sincerely,



Janie Miller

Agent to Control Solutions, Inc.





United States
Environmental Protection Agency
Washington, DC 20460

Formulator's Exemption Statement (40 CFR 152.85)

Plant's Name and Address

Control Solutions, Inc.
c/o Biologic, Inc.
115 Obtuse Hill Road
Brookfield, Ct 06804

EPA File Symbol/Registration Number

53883-276

Product Name

Delta 4.75% SC

Date of Confidential Statement of Formula (EPA Form 8570-4)

June 24, 2011

As an authorized representative of the applicant for registration of the product identified above, I certify that:

(1) This product contains the following active ingredient(s):

Deltamethrin

(2) Of these, each active ingredient listed in paragraph (4) is present solely as the result of the use of that active ingredient in the manufacturing, formulation or repackaging another product which contains that active ingredient which is registered under FIFRA Section 3, is purchased by us from another producer, and is labeled for at least each use for which my product is proposed to be labeled.

(3) Indicate by checking (A) or (B) below which paragraph applies:

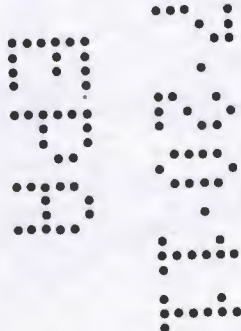
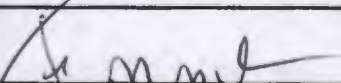
☒ (A) An accurate Confidential Statement of Formula (EPA FORM 8570-4) for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

OR

☐ (B) The Confidential Statement of Formula (CSF) (EPA Form 8570-4) referenced above and on file with the EPA is complete, current, and accurate and contains the information required on the current CSF.

(4) The following active ingredients in this product qualify for the formulator's exemption.

Source

Active Ingredient	Product Name	Registration Number
Deltamethrin Technical	<div style="background-color: black; height: 71px;"></div>	<div style="text-align: right;">+</div> 
Signature 	Name and Title Jane M. Miller, Agent	Date 4/24/11



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the completed form to this address.

Certification with Respect to Citation of Data

Applicant's/Registrant's Name, Address, and Telephone Number Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804	EPA Registration Number/File Symbol 53883-276
Active Ingredient(s) and/or representative test compound(s) Deltamethrin	Date May 26, 2011
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) Terrestrial Non-Food, Domestic Outdoor, Indoor	Product Name Delta 4.75% SC

NOTE: If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

SECTION I: METHOD OF DATA SUPPORT (Check one method only)

☐ I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

☒ I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

SECTION II: GENERAL OFFER TO PAY

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☒ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

SECTION III: CERTIFICATION

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature

Date

6/24/11

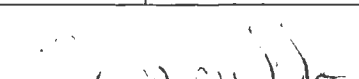
Typed or Printed Name and Title

Jane M. Miller, Agent

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date May 26, 2011			EPA Reg. No./File Symbol 53883-276		Page 1 of 10
Applicant's/Registrant's Name & Address Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Product Identity and Composition	48119801	Control Solutions, Inc.	OWN	
830.1600	Description of Materials Used to Produce the Product	48119801	Control Solutions, Inc.	OWN	
830.1650	Description of Formulation Process	48119801	Control Solutions, Inc.	OWN	
830.1670	Discussion of Formation of Impurities	48119801	Control Solutions, Inc.	OWN	
830.1750	Certified Limits	48119801	Control Solutions, Inc.	OWN	
830.1800	Enforcement Analytical Method	48119801	Control Solutions, Inc.	OWN	
830.1900	Submittal of Samples				1
830.6302	Color	48119802	Control Solutions, Inc.	OWN	
830.6303	Physical State	48119802	Control Solutions, Inc.	OWN	
830.6304	Odor	48119802	Control Solutions, Inc.	OWN	
830.6314	Oxidation / Reduction: Chemical Incompatibility				2
830.6315	Flammability / Flame Extension				3
830.6316	Explodability				4
830.6317	Storage Stability				5
830.6319	Miscibility				6
Signature 			Name and Title Jane M. Miller, Agent		Date 6/24/11

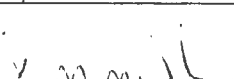
Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date May 26, 2011			EPA Reg. No./File Symbol 53883-276		Page 2 of 10
Applicant's/Registrant's Name & Address Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6320	Corrosion Characteristics				7
830.6321	Dielectric Breakdown Voltage				8
830.7000	PH	48119802	Control Solutions, Inc.	OWN	
830.7100	Viscosity	48119802	Control Solutions, Inc.	OWN	
830.7300	Density	48119802	Control Solutions, Inc.	OWN	
870.1100	Acute Oral Toxicity	Cite-All		PAY	
870.1200	Acute Dermal Toxicity	Cite-All		PAY	
870.1300	Acute Inhalation Toxicity	Cite-All		PAY	
870.2400	Acute Eye Irritation	Cite-All		PAY	
870.2500	Acute Dermal Irritation	Cite-All		PAY	
870.2600	Skin Sensitization	Cite-All		PAY	
	Efficacy	Cite-All		PAY	
To satisfy the acute toxicity and efficacy data requirements, the following companies have been sent offer to pay letters			Bonide Products	PAY	
			Oriskany, NY		
			P.F. Harris Mfg. Co.	PAY	
			Alpharetta, GA		
			The Scotts Company	PAY	
			Marysville, OH		
Signature 			Name and Title Jane M. Miller, Agent		Date 4/24/11

Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.


DATA MATRIX

Date May 26, 2011			EPA Reg. No./File Symbol 53883-276		Page 3 of 10
Applicant's/Registrant's Name & Address Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			FMC Corp.	PAY	
			Philadelphia, PA		
			Excel Marketing	PAY	
			Salem, VA		
			Bayer Cropscience LP	PAY	
			Research Triangle Park, NC		
			Boehringer Ingelheim Vetmedica	PAY	
			Elwood, KS		
			Chase Products	PAY	
			Maywood, IL		
			S.C. Johnson & Son	PAY	
			Racine, WI		
			Voluntary Purchasing Group	PAY	
			Plano, TX		
			Southern Ag. Insecticides	PAY	
			Palmetto, FL		
			Speer Products Inc.	PAY	
			Memphis, TN		
Signature <i>J. M. Miller</i>			Name and Title Jane M. Miller, Agent		Date 6/24/11

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date May 26, 2011			EPA Reg. No./File Symbol 53883-276		Page 4 of 10
Applicant's/Registrant's Name & Address Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Reckitt Benckiser LLC	PAY	
			Parsippany, NJ		
			Aerochem Inc.	PAY	
			Raymond, MS		
			Senoret Chemical Co., Inc.	PAY	
			Silver Springs, MD		
			Safeguard Chemical Corp.	PAY	
			Greeley, CO		
			Sumitomo Chemical Co., Ltd.	PAY	
			Baltimore, MD		
			Safer Inc.	PAY	
			Lititz, PA		
			CTX-Cenol Inc.	PAY	
			Miami, FL		
			K-G Packaging	PAY	
			Hartford, WI		
Signature 			Name and Title Jane M. Miller, Agent		Date 6/24/11

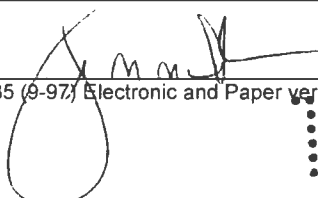
Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date May 26, 2011			EPA Reg. No./File Symbol 53883-276		Page 5 of 10
Applicant's/Registrant's Name & Address Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Spray Drift Task Force	PAY	
			Washington, DC		
			Star Horse Products	PAY	
			Goodyear, AZ		
			Valent Biosciences Corp.	PAY	
			Libertyville, IL		
			Bengal Products	PAY	
			Baton Rouge, LA		
			Bayer Environmental Science	PAY	
			Research Triangle Park, NC		
			Whitmire Micro-Gen	PAY	
			St. Louis, MO		
			Outdoor Residential Exposure Task	PAY	
			Washington, DC		
			Agricultural Re-Entry Task Force	PAY	
			Washington, DC		
Signature 			Name and Title Jane M. Miller, Agent		Date 6/24/11

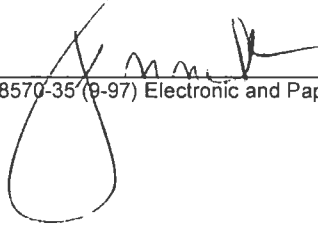
Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date May 26, 2011			EPA Reg. No./File Symbol 53883-276		Page 6 of 10
Applicant's/Registrant's Name & Address Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Value Garden Supply	PAY	
			St. Joseph, MO		
			Green Light Co.	PAY	
			Washington, DC S		
			Questvapcol Corp.	PAY	
			Brenham, TX		
			Arysta Lifescience North America	PAY	
			Cary, NC		
			Non-Dietary Exposure TF	PAY	
			Washington, DC		
			FIFRA Endangered Species TF	PAY	
			Washington, DC		
			Residential Exposure Joint Venture	PAY	
			Washington, DC		
			Agricultural Handlers Exposure TF	PAY	
			Macon, MO		
Signature 			Name and Title Jane M. Miller, Agent		Date 6/24/11

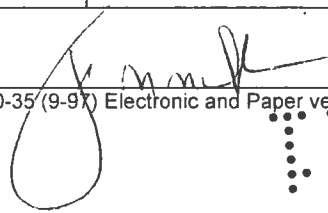
Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date May 26, 2011			EPA Reg. No./File Symbol 53883-276		Page 7 of 10
Applicant's/Registrant's Name & Address Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Black Flag Brands, LLC	PAY	
			Bedford Heights, OH		
			Hedley Technologies Inc.	PAY	
			Grand Junction, CO		
			Pyrethroid Working Group	PAY	
			Washington, DC		
			J.J. Mauget Co.	PAY	
			Woodbridge, VA		
			Waterbury Companies	PAY	
			Independence, LA		
			Amrep	PAY	
			Marietta, GA		
			E.I. Dupont De Nemours and Co.	PAY	
			Wilmington, DE		
			Zep Manufacturing Co.	PAY	
			Atlanta, GA		
Signature 			Name and Title Jane M. Miller, Agent		Date 4/24/11

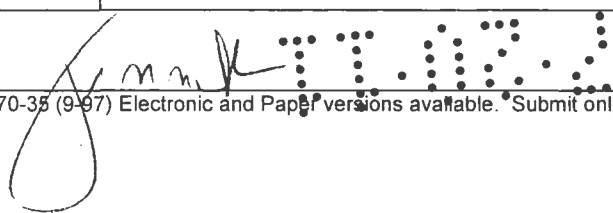
Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date May 26, 2011			EPA Reg. No./File Symbol 53883-276		Page 8 of 10
Applicant's/Registrant's Name & Address Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Bacon Products Company	PAY	
			Chattanooga, TN		
			The Andersons Lawn Fertilizer Div.	PAY	
			Maumee, OH		
			Apollo Industries Inc.	PAY	
			Smyrna, GA		
			Rainbow Technology Corp.	PAY	
			Greeley, CO		
			Phaeton Corporation	PAY	
			Salem, VA		
			Hoechst Schering Agrevo S.A.	PAY	
			Research Triangle Park, NC		
			Mystic Chemical Products Co.	PAY	
			Cleveland, OH		
			Walla Walla Environmental Inc.	PAY	
			Walla Walla, WA		
			Lawson Products, Inc.	PAY	
			Des Plaines, IL		
Signature 			Name and Title Jane M. Miller, Agent		Date 6/24/11

Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

DATA MATRIX

[illegible]

4	24	11
---	----	----

Document Processing Desk (AMEND)
Office of Pesticide Programs (7504P)
US Environmental Protection Agency
One Potomac Yard
2777 S. Crystal Drive
Room S-4900, 4th Floor
Arlington, VA 22202

Attention: Mr. Mark Suarez (PM #13)
RE: "Delta 4.75% SC", EPA Reg. No. 53883-276
Application for Pesticide Amendment – Revised Basic Formulation, Alternate Manufacturing Process, add Food Uses and Paint Additive Uses to the Label

On behalf of Control Solutions, Inc. we are submitting an Application for Pesticide Amendment for the above mentioned product. This amendment action is to - 1) change the basic formulation (active and inert ingredients); 2) add an alternate manufacturing process; and 3) add food uses and paint additive uses to the label.

The following documents are submitted in order to process this amendment action:

- Application for Pesticide Amendment (EPA Form 8570-1)
- Certification With Respect to Citation of Data (EPA Form 8570-34)
- Data Matrix (EPA Form 8570-35)
- Formulator's Exemption Statement (EPA Form 8570-27)
- Confidential Statement of Formula (EPA Form 8570-4)
- Five (5) copies of draft labeling

48544102 Volume 3 Alternate Formulation Physical/Chemical Characteristics
OPPTS Guideline 830.6302 through 830.7950

Should you have any questions or need additional information, please feel free to contact my office at (203) 740-1200.

Jane Miller
Agent to Control Solutions, Inc.

[illegible]



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

July 25, 2011

**OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION**

CONTROL SOLUTIONS, INC.
5903 GENOA-RED BLUFF ROAD
PASADENA, TX 77507-1041

Report of Analysis for Compliance with PR Notice 86-5

Thank you for your submittal of 20-JUL-11. Our staff has completed a preliminary analysis of the material. The results are provided as follows:

Your submittal was found to be in full compliance with the standards for submission of data contained in PR Notice 86-5. A copy of your bibliography is enclosed, annotated with Master Record ID's (MRIDs) assigned to each document submitted. Please use these numbers in all future references to these documents. Thank you for your cooperation. If you have any questions concerning this data submission, please raise them with the cognizant Product Manager, to whom the data have been released.

Receipt for Section 3

S: 899936

Resubmission: ☐ Yes ☒ No

Regulatory Type: Product Registration - Section 3

Fee For Service: ☐ Yes ☒ No

Application Type: Amendment

Billable: ☒ Yes ☐ No

Company: 53883 CONTROL SOLUTIONS, INC.

V

Risk Manager: Registration Division, Risk Management Team 13

Product #: 53883-278

Product Name: DELTA 4.75% SC

Override#:

Me Too Section3: 432-763

Me Too Product Name: K-OTHRINE SC INSECTICIDE

Application Date: 26-Jun-2011

OPP Rec'd Date: 20-Jul-2011

Front End Date: 20-Jul-2011

Risk Manager Send Date:

FFS Due Date:

Negotiated Due Date:

OPP Target Date:

Fast Track: ☐

New Ingredient: ☐

Receipt Description: CSF and Label amendment

New Ingredient Request Date:

New Ingredient Received Date:

Form A: ☐ Signature Date:

Form B: ☐ Signature Date:

Print Letter

Enter More Information

Tracking

Receipt Content

Study

CSF

View/Edit

80

Data Matrix Footnotes for 53883-276

1. Not required at this time for this end-use product.
2. Not applicable. The active and inert ingredients in this product are not considered strong oxidizing or reducing agents.
3. Not applicable. The product does not contain combustible liquids.
4. Not applicable. The active and inert ingredients in this product are not considered as potentially explosive.
5. In process.
6. Not applicable. Product is not intended to be diluted with petroleum solvents.
7. In process.
8. Not applicable. The product is not intended for use around electrical equipment.

843
11.03.1



Fw: 53883-276

Olga Odiott to: Mark Suarez

07/20/2011 11:56 AM

Mark, I think this one is for you to respond to. If I am reading this correctly, she printed labels ahead of getting the Agency response to their submissions and want to go ahead and use them for the next 18 months or so.

Olga Odiott, Senior Biologist
Registration Division
Office of Pesticide Programs
U.S. Environmental Protection Agency
(703) 308-9369
(703) 305-6596 (fax)
odiott.olga@epa.gov

----- Forwarded by Olga Odiott/DC/USEPA/US on 07/20/2011 11:52 AM -----

From: Anne Turnbough <aturnbough@ControlSolutionsInc.com>
To: Olga Odiott/DC/USEPA/US@EPA
Cc: Mark Suarez/DC/USEPA/US@EPA
Date: 07/19/2011 03:00 PM
Subject: 53883-276

Olga,

I am writing in response to letter dated 7-14 -2011 regarding 53883-276

I have attached the revised label in track changes and before finalizing- I wanted to ask a few questions

- The language you proposed removing is currently on competitor labels (substantially similar) and our previously approved label
- We have printed labels not anticipating some of these revisions as previously accepted. This product is also under amendment to readd food use language (alternate CSF / new source of Tech/new use sites (food) so this label will only be in marketplace within 18 months (non food use).

Please see revised changes in track changes and let me know your thoughts on whether above is acceptable ?

Anne

Anne Turnbough Ph.D.
Manager, Regulatory Affairs
Control Solutions Inc.
5903 Genoa-Red Bluff Rd.
Pasadena, Texas 77507-1041

Office # 281-8922532
Cell # 713-8516076



53883-276

Anne Turnbough to: Olga Odiott
Cc: Mark Suarez

07/19/2011 03:00 PM

Olga,

I am writing in response to letter dated 7-14 -2011 regarding 53883-276

I have attached the revised label in track changes and before finalizing- I wanted to ask a few questions

- The language you proposed removing is currently on competitor labels (substantially similar)and our previously approved label
- We have printed labels not anticipating some of these revisions as previously accepted. This product is also under amendment to readd food use language (alternate CSF / new source of Tech/new use sites (food) so this label will only be in marketplace within 18 months (non food use).

Please see revised changes in track changes and let me know your thoughts on whether above is acceptable ?

Anne

Anne Turnbough Ph.D.
Manager, Regulatory Affairs
Control Solutions Inc.
5903 Genoa-Red Bluff Rd.
Pasadena, Texas 77507-1041

Office # 281-8922532
Cell # 713-8516076

aturnbough@controlsolutionsinc.com



Label-Delta 4.75% SC 53883-276 MASTER 7-19-11 (revised with changes 7-14-11).doc

Delta 4.75% SC

INSECTICIDE

[Alt. Brand Name: D-FENSE™ SC]

[Alt. Brand Name: D-FENSE™ SC Insecticide]

[Optional Generic Descriptor: Insecticide]

For Use in Residential, Industrial and Institutional Areas

- Provides Control of Listed Insect/Pests in and around the Home
- For Insect Control on Commercial and Residential Turf and Landscape Ornamental Plants
- For crack and crevice and spot applications in homes, hotels and schools
- Controls ants, bedbugs, cockroaches, fleas, flies, silverfish, spiders and many other listed pests.
- Mattress application for bedbugs and lice.
- Broadcast spray for lawns and turfgrass to control fleas, ticks and other listed insects.
- Concentrated suspension of ~~pure~~ micro-crystals
- Long lasting residual
- ~~Safe~~ ~~F~~ for use on Paints, Plastics, Fabrics and other surfaces

ACTIVE INGREDIENT:

*Deltamethrin4.75%

OTHER INGREDIENTS :95.25%

100.00%

*Contains 0.42 lb deltamethrin per gallon.

Reg. No.: 53883-276

EPA Est. No. : 53883-TX-02

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUCION AL USARIO: Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See [side panel] [inside booklet] for additional First Aid, Precautionary Statements, Storage and Disposal instructions and Directions for Use.

Manufactured By:
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507

NET CONTENTS: 1 Pint or 1 Gallon

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION**

Harmful if inhaled. Avoid breathing vapor or spray mist. Contact with product may result in transient tingling and reddening of the skin. Remove contaminated clothing and wash before reuse.

FIRST AID	
If Inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact SafetyCall® (866) 897-8050 for emergency medical treatment information.	

Environmental Hazards

This product is extremely toxic to fresh water and estuarine fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This pesticide is highly toxic to bees exposed to direct treatment. Do not apply or allow it to drift to crops or weeds on which bees are actively foraging.

Physical and Chemical Hazards

Do not use water-based sprays of Delta 4.75% SC in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

RESTRICTIONS:

1. DO NOT apply Delta 4.75% SC through any type of irrigation system.
2. DO NOT water the treated area to the point of run-off.
3. DO NOT make applications during rain.
4. DO NOT apply this product to edible crops.
5. DO NOT apply this product in hospital patient rooms while occupied or in any rooms occupied by the elderly or infirm.
6. DO NOT apply in classrooms when in use.
7. DO NOT apply this product in the immediate area when occupants are present (including people and animals).
8. Do not apply this product more than once every 21 days.

All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

- a. Treatment to soil or vegetation around structures;
- b. Applications to lawns, turf, and other vegetation;
- c. Applications to building foundations, up to a maximum height of 3 feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow this product to enter any drain during or after application.

PRODUCT INFORMATION

Delta 4.75% SC is a suspension concentrate insecticide for use both indoors and outdoors for effective knockdown and long residual control of listed pests.

Mixing Instructions

Mix Delta 4.75% SC with water and apply using a hand pressurized or power operated sprayer, such as Actisol® or similar equipment. For outdoor broadcast application, apply as a coarse spray or with conventional hydraulic boom-type sprayer or other suitable equipment. Shake container well before using.

Dilution Instructions:

- add half the water to the spray tank;
- add Delta 4.75% SC as specified in the appropriate application rates table;
- agitate well;
- add the remaining water slowly to avoid excess foam;
- thoroughly agitate the sprayer before using to ensure proper suspension.

Note: If spraying is stopped when using a back-pack or hand-held spray equipment, reinvert sprayer before use. If spray screens are used, they should be 50 mesh or larger. Dilute Delta 4.75% SC only with water. Only prepare the spray solution when ready to make applications.

Tank Mixing: Delta 4.75% SC may be tank-mixed with other currently registered pesticides unless prohibited by the product label. To check for product compatibility, a small volume mixing test with other products is recommended. Follow all restrictions and precautions specified on the labels of these tank-mix products.

PEST CONTROL INDOORS

Delta 4.75% SC may be applied to non/food/nonfeed areas in and around residential and non-residential buildings and structures, including residential kitchens, and nonfood/nonfeed areas of food/feed handling establishments.

Mix Delta 4.75% SC with water and apply indoors as a crack and crevice, spot or general surface treatment with hand pressurized or power operated sprayers or other suitable equipment.

For residential buildings and structures - apply only as a crack and crevice or spot treatment.

Approved use sites include the non-food/non-feed areas of:

Aircraft (cargo only)	Industrial buildings
Apartment buildings	Installations
Bakeries	Kitchens
Bottling facilities	Laboratories
Breweries	Mausoleums
Buses	Meat, poultry & egg processing & packaging plants
Cafeterias	Mobile & motor homes
Candy plants	Nursing homes
Canneries	Offices
Dairy product processing plants	Railcars
Food manufacturing plants	Restaurants
Food processing plants	Schools
Food service establishments	Ships & vessels
Granaries & grain mills	Trailers
Hospitals	Trucks
Hotels	Warehouses
Houses	Wineries

Crack and Crevice: Apply Delta 4.75% SC spray mixture to cracks and crevices in and around baseboards, floors, walls, appliances, areas around water and sewer pipes, and other voids with a low pressure system using a pinpoint or variable pattern nozzle.

Spot Treatment: Apply Delta 4.75% SC as a spot treatment in and around cupboards, and between, beneath and behind equipment or appliances using a low pressure system with fan-type nozzle.

To control carpet beetles, fleas and ticks indoors: Apply as a coarse, low pressure crack and crevice spot treatment to problem areas and infested habitats.

Restrictions:

- Do not treat entire area of floor, carpet or floor coverings.
- Do not apply as a space spray.
- Do not make applications to areas where prolonged contact by humans can occur.
- Limit spot treatment to pet beds and infested floor coverings.
- Do not apply to areas where food or feed can come into contact with treated surfaces.

Application Rates			
Pests	Concentration of Active Ingredient ¹	Dilution Rate ²	Use Instructions
ants, carpet beetles, firebrats, fleas, gnats, midges, centipedes, millipedes, pantry pests, silverfish, ticks (indoors)	0.01% - 0.03%w/w	0.25-0.75 fl. oz./gal 12.5-37.5 fl. oz./50 gals 25-75 fl. oz./100 gals	Apply at 21-day intervals. Remove pets and cover aquariums and terrariums before spraying. Do not

Bees, bedbugs, boxelder bugs, fleas (outdoors), ticks (outdoors), cecid flies, cockroaches, crickets, flies (including such flies as stable, house, cluster and horseflies), elm leaf beetles, ground beetles, moths, midges, hornets, killer bees, lice, mosquitoes, Multicolored Asian Lady Beetle, pillbugs, scorpions, sowbugs, spiders, yellowjackets, wasps	0.03% - 0.06%w/w	0.75-1.5 fl. oz./gal 37.5-75 fl. oz./50 gals 75-150 fl. oz./100 gals	apply to classrooms when in use. Do not use in aircraft cabins. Treat areas that insects inhabit or where they are normally found. Use 0.25 to 1.5 fluid ounces of Delta 4.75% SC in sufficient amount of water and apply to adequately cover 1000 square feet. Do not allow dripping or run-off to occur. Under conditions of severe pest infestation, when quick knockdown and/or longer residual control is desired, use 1.5 ounces of 0.06% Delta 4.75% SC per 1,000 sq. ft.
Termites (Formosan & Eastern subterranean - localized control only)	0.06% w/w	1.5 fl. oz./ gal 75 fl. oz./50 gals 150 fl. oz./100 gals	
Carpenter ants	0.03% w/w	0.75 fl. oz./gal 37.5 fl. oz./50 gals 75 fl. oz./100 gals	

¹The specified rate for maintenance treatments is 0.01% and for cleanout treatments is 0.03%. For control of severe infestations and longer residual control use the 0.06% rate. More frequent applications may be needed on concrete surfaces.

² 0.25 fl. oz.= 7.5 milliliters
0.75 fl. oz.= 22.7 milliliters
1.5 fl. oz.= 45.4 milliliters

Premise Pest Control

To control Cockroaches, Ants, Crickets, Silverfish, Firebrats, Centipedes, Millipedes, Cloth Moths, Earwigs, Pillbugs, Sowbugs, Scorpions and Spiders

Use Instructions: Apply as a coarse, low pressure spot or crack and crevice spray to areas that these pests are found especially dark corners of rooms and closets; floor drains; cracks and crevices in walls; along and behind baseboards; beneath and behind sinks, stoves, refrigerators, and cabinets; around plumbing and other utility installations; doors, windows and in attics and crawl spaces. Make applications to floor surfaces along baseboards and around air ducts. Allow surfaces to dry before children or pets come into contact.

Pantry Pest Control

To kill adult and manageable stages of insect pests such as Lesser Grain Borers, Grain Weevils, Flour Beetles, Saw-toothed Grain Beetles, Cigarette Beetles, Merchant Grain Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Grain Mites and Spider Mites.

Application Instructions: Apply to cupboards, shelving and storage areas. Before spraying, remove all foodstuffs, utensils, shelf paper and other objects. Allow treated surfaces to dry and cover shelves with clean paper prior to replacing foodstuffs, utensils or other items. Discard any foodstuff contaminated with any spray solution.

Crawling and Flying Insect Pests

Delta 4.75% SC controls crawling and flying insects such as flies, gnats, midges, mosquitoes, cockroaches, ants and silverfish.

Application Instructions: Use as a residual surface treatment to walls, ceilings, window screens and other resting areas inside residential buildings, as well as in and around carports, garages, storage sheds, unoccupied horse stables and pet kennels.

Ants (including Pharaoh Ants): Delta 4.75% SC may be applied to areas including where ants enter premises or live, and to trails, around doors and windows.

Bedbugs and Lice: Remove bed linens and wash before reuse. Apply Delta 4.75% SC to mattresses taking care to treat tufts, folds and edges until moist. Make application to the interior of the bed frame. Before remaking the bed, make sure the mattress is dry.

Carpet Beetles, Fleas and Ticks: Use of an IPM (integrated pest management) program should be followed. Before starting to treat, vacuum carpets, upholstered furniture, baseboards and other indoor areas where pets spend time. After vacuuming, discard the vacuum cleaner bag outside in a garbage can. Clean or replace pet bedding.

Application Instructions: Apply Delta 4.75% SC as a uniform coarse low-pressure spot or crack and crevice treatment to areas where pests are found. Limit spot treatments to pet bedding and its surrounding area, infested floor coverings and pest habitats.

Restrictions:

- Do not treat entire area of floor, carpet or floor coverings.
- Use a dust such as Deltadust® in areas around electrical equipment.
- Do not apply as a space spray.
- Restrict applications to furniture where no prolonged contact by humans will occur.
- Do not allow people or pets to contact treated areas until spray has dried.

Delta 4.75% SC can be used with an Insect Growth Regulator (IGR). For effective control of fleas, treatment directly to the pet with an EPA registered product for such use, as well as treating outside areas pets frequent may be required. Delta 4.75% SC can also be applied outdoors for flea control. DO NOT treat pets with this product.

Pet Kennels: Delta 4.75% SC may be applied to control crawling and flying insects in and around pet kennels. Make application as a general surface and/or crack and crevice spray. For best results, at the same time, clean the facility to be treated and use Delta 4.75% SC to treat the exterior perimeter.

Restrictions:

- Apply only to areas of facility where animals are not present.
- Allow spray to dry before allowing re-entry of animals into treated areas.
- Do not apply to animal feed or watering equipment.

FOOD/FEED HANDLING ESTABLISHMENTS

Applications are permitted in non-food/non-feed areas of food/feed handling and processing establishments as a general surface, spot or crack and crevice treatment to control labeled pests.

Non-Food/Non-Feed Areas: Areas include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (after packaging, canning or bottling). Treat any area that insects are observed in or where insects may enter.

General Surface Applications: Before application cover or remove all food/feed processing and/or handling equipment. After application, wash all equipment, benches, shelving and other surfaces that food/feed will contact in food/feed processing plants, cafeterias and similar facilities. Clean food/feed handling or processing equipment and rinse well with clean, fresh water. After application in bakeries, clean all food contact surfaces thoroughly with appropriate equipment.

Restrictions:

- Do not use this application method in the food/feed handling areas of the facility when the facility is in operation or foods/feeds are exposed.
- Do not apply directly to food/feed products.

Spot or Crack & Crevice Applications: Spot or crack and crevice applications may be made while the facility is in operation provided exposed food is covered or removed from area being treated prior to application.

Restrictions:

- Application is prohibited in Federally inspected meat and poultry plants while such facility is in operation.
- Do not apply ~~directly~~ to food or food-handling surfaces.
- In the home, do not allow spray to contact food/feed surfaces. If it does, clean surfaces with soap and water.

GRAIN BINS AND WAREHOUSES

Dilute 0.25-1.5 fl. oz. of Delta 4.75% SC with water to make 1 gallon of solution. Use Delta 4.75% SC as a perimeter treatment to prevent infestation of these structures. Apply to areas where pests are seen or may find entrance. Treat a band of soil or lawn up to 6-10 feet wide around and adjacent to structures and treat the foundation to a height of 2 to 3 feet. Apply as a coarse spray at a rate of 1 gallon per 1000 sq. ft. Thoroughly and uniformly wet the barrier area but do not allow run-off to occur.

PEST CONTROL OUTDOORS

Apply Delta 4.75% SC as a perimeter treatment, residual spray or broadcast application to lawns, grounds and ornamental plantings.

Apply as a perimeter treatment or residual spray around residential and non-residential settings. Treatments should begin at the first sighting of pests.

Residual Spray: Apply Delta 4.75% SC as a coarse low-pressure spray at the rate of 0.75 to 1.5 fl.oz.to surfaces of buildings, porches, screens, window frames, eaves, patios, refuse dumps, garages and lawns.

Perimeter Treatments: For best results, apply Delta 4.75% SC to areas where pests are seen and may find entrance. Treat a band of soil or lawn up to 6 -10 feet wide around and adjacent to buildings and treat the building foundation to a height of 2 to 3 feet. Apply as a coarse spray at the rate of 0.25 to 1.5 fl. oz. of Delta 4.75% SC in sufficient amount of water. (See Mixing Directions for Perimeter Application below). Use an adequate volume to thoroughly and uniformly wet the barrier area but do not allow run-off to occur.

MIXING DIRECTIONS FOR Delta 4.75% SC -OUTDOOR PERIMETER APPLICATION

I. Delta 4.75% SC DILUTION (0.25 oz. /1000 sq. ft.) - (Based on one home being 1,000 sq. ft.)

Tank Size	15 Gallon		25 Gallon		50 Gallon		100 Gallon	
Finished Spray: Gallons Per 1000 sq. ft	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*
1	3.75	15	6.25	25	12.50	50	25.00	100
3	1.25	5	2.08	8	4.17	16	8.33	33
5	0.75	3	1.25	5	2.50	10	5.00	20
10	0.37	1.5	0.63	2.5	1.25	5	2.50	10

*Based on Delta 4.75% SC applied at 0.25 ounces per 1,000 square feet treated per home or structure.

II. Delta 4.75% SC DILUTION (1.00 oz. /1000 sq. ft.)

Tank Size	15 Gallon		25 Gallon		50 Gallon		100 Gallon	
Finished Spray: Gallons Per 1000 sq. ft.	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*
1	15.0	15	25.0	25	50	50	100.0	100
3	5.0	5	8.4	8.3	16.70	16.7	33.3	33.3
5	3.0	3	5.0	5	10.0	10	20.0	20
10	1.5	1.5	2.5	2.5	5.0	5	10.0	10

*Based on Delta 4.75% SC applied at 1.00 ounce per 1,000 square feet treated per home or structure.

Fleas and Ticks: To control fleas and ticks, make application of Delta 4.75% SC as a coarse wet spray. Treat dog houses, kennels, run areas, cracks and crevices in sidewalks, patios, areas under plants, shrubs, bushes, trees, or other moist, shaded areas where pests are known to rest.

Fire Ants: Dilute 1.5 oz. per one gallon of water and apply Delta 4.75% SC as a drench treatment. Gently sprinkle 1 to 2 gallons of the diluted insecticide over the surface of each mound and surrounding area to a 2-foot diameter. Best results are obtained when applied in cool weather, 65 to 80°F or in early morning or late evening hours. Treat new mounds as they appear. Pressurized sprays may disturb the ants and cause migration, reducing product effectiveness.

Wood-Infesting Insects: For control of **wood-infesting beetles** on surfaces in homes and other structures, apply a 0.06% suspension of Delta 4.75% SC. Brush or spray the suspension evenly on wood surfaces to treat small areas. Use a coarse spray to treat large or overhead areas of homes, apartment buildings, etc., and thoroughly cover the area. Before spraying, cover all surfaces below the treatment area with plastic sheeting or other material. After spraying, dispose of the plastic sheeting or other material in the trash. Allow surfaces in the treated area to dry completely before coming into contact.

Restrictions: Do not apply Delta 4.75% SC until the location of heating or air conditioning ducts, vents, water and sewer lines and electrical conduits are identified. Once known, applications may be made around these structures, however, be careful to avoid contamination of these structures and airways.

Foam Application: To treat structural voids for the control of insect and arthropod pests in walls, under

slabs or in other void areas, convert Delta 4.75% SC to a foam by mixing the end-use dilution of Delta 4.75% SC with the manufacturer's recommended volume of foaming agent. Use the rate as recommended for a suspension treatment converted to a foam to get the correct foam expansion ratios. Before treatment check to make sure that the foaming agent is compatible with Delta 4.75% SC.

For control of **above-ground termites and wood-infesting beetles** in localized areas, apply a 0.06% suspension or sufficient volume of foam of Delta 4.75% SC to voids and galleries in damaged wood and in spaces between wooden structural members and between the sill plate and foundation where wood is vulnerable. Applications may be made to inaccessible areas by drilling and then injecting the suspension or foam with a suitable directional injector into the damaged wood or wall voids. All treatment holes drilled in construction elements in commonly occupied areas of structures must be securely plugged.

To control **termite carton nests** in building voids and trees, inject a 0.06% suspension or foam using a pointed injection tool. Multiple injection points to varying depths may be necessary. For best results, remove carton nest material from building voids and trees when nests are found. Termite carton nests in trees may be injected with 0.06% suspension or foam using a pointed injection tool.

To control **exposed worker and winged reproductive forms of termites**, applications to attics, crawl spaces, unfinished basements, or man-made voids may be made with a coarse fan spray of 0.06% suspension. For control of **swarming or reproductive stages of termites**, apply a 0.06% suspension to the swarm or area on which they collect. Delta 4.75% SC will kill **workers or winged reproductive forms** present at the time of treatment. These applications are supplemental only, and do not take the place of mechanical alteration, soil treatment or foundation treatment.

For control of **above-ground termites and carpenter ants** inside trees, utility poles, fencing and decking materials and similar structures, locate the infested area by drilling then inject 0.06% suspension or foam using an appropriate treatment tool with a splashback guard.

For protection of firewood from **carpenter ants and termites**, before stacking firewood, treat the soil underneath with a 0.06% suspension at 1 gallon per 8 square feet to prevent infestation. DO NOT treat firewood with this product.

For control of **carpenter ants** in houses and other structures, use a 0.06% suspension and apply as a general surface, spot, crack and crevice or wall void application using coarse spray or foam to thoroughly cover the treatment area. Make application around doors and windows and any other areas where carpenter ants may gain entrance. Apply as a spray or foam into cracks and crevices, and drill small holes into voids where ants or nests may be present. Do not apply more than 1 gallon of dilute suspension per 1000 square feet of treated surface.

For control of **tunneling carpenter ants** in soil, apply a 0.06% suspension as a drench or inject the suspension or foam at 8 to 12 inch intervals. Create a uniform vertical barrier at the edge of walls, driveways or other hard surfaces where ants are tunneling beneath the surfaces.

For control of **carpenter bees** in structures, apply a 0.06% suspension or sufficient volume of foam directly into gallery entrance holes. Leave the entrance holes open for 24 hours to make sure that returning adult bees are killed. If no activity is visible, use an appropriate sealant to seal the hole.

TURFGRASS APPLICATIONS

Delta 4.75% SC controls listed insects on turfgrasses and ornamental plants in outdoor areas such as athletic fields, recreational areas, residential landscapes, parks, and public and commercial sites. Make

application when insects first appear ensuring uniform coverage.

Apply as a broadcast application using a minimum of 2 gallons of water per 1000 sq. ft. with a hydraulic boom-type sprayer or other suitable equipment for turfgrass pests. Follow the specified rates listed in the Application Rates for Turfgrass Sites table. Use higher volumes (4 to 10 gallons of water per 1000 sq. ft.) for areas of dense turfgrass and/or where turfgrass is mowed at greater heights. Control is achieved when the insecticide contacts the target pest. For best results on surface-feeding insects, do not irrigate or mow within 24 hours after application. For subsurface-feeding insects, apply 0.25 to 0.5 inch of water immediately after application. Do not allow people or pets into the treatment area until turfgrass has dried.

Tank Mixing: Delta 4.75% SC may be tank-mixed with other pest control or fertilizer products. Observe all restrictions, precautions and limitations appearing on the tank-mix partner label. To check for compatibility with Delta 4.75% SC, mix a small test sample of the products in the correct proportions with water in a quart jar. The use of silicone surfactants in tank mixtures with Delta 4.75% SC may enhance the control of some insects.

RESTRICTIONS: In New York State, product may not be applied to turf within 100 feet of a coastal marsh or stream that drains directly into a coastal marsh. For control of turf insects in New York, a second application may be made after two weeks if target insect activity persists.

Application Rates For Turfgrass Sites			
Sites	Pests	Rates	Use Instructions
Athletic fields, recreational areas, lawns & grounds, residential areas, parks, public and commercial sites	Ants, armyworms, centipedes, chiggers, cockroaches, crickets, cutworms, fleas(adult), grasshoppers, ground beetles, Japanese beetles (adults), leafhoppers, mealybugs, pillbugs, scorpions, sod webworms, sowbugs, springtails, spiders, ticks	0.4 to 0.6 fl. oz./1000 sq. ft. or 17.5 to 26 fl. oz./Acre or 0.06 to 0.08 lb. ai/A	Apply at first sign of pest presence. Apply as a broadcast spray in a minimum of 2 gallons of water per 1000 sq. ft. For best control of surface feeders such as cutworms and webworms, do not water or mow for 24 hours after application. For subsurface-feeders, such as mole crickets, apply 0.25 to 0.5 inch of water immediately after application. The use of silicone surfactants in tank mixtures with Delta 4.75% SC may enhance the control of some insects.
	Annual bluegrass weevil (adult), billbugs (adult), black turfgrass ataenius (adult), chinch bugs, mites*, mole crickets.	0.6 to 0.9 fl. oz./sq. ft. or 26 to 39 fl. oz./Acre or 0.08 to 0.13 lb. ai/A	

*Suppression Only

LANDSCAPE ORNAMENTAL TREATMENTS

Use Delta 4.75% SC to control the listed insects when applied as directed in the Application Rates for Ornamentals table below. Mix the Delta 4.75% SC with the required amount of water and apply as a finished spray to upper and lower leaf surfaces to ensure thorough coverage, but not to the point of run-off. Make sure to apply sufficient product to wet the leaves, trunk and branches of ornamentals.

Restrictions: Similar formulations have been tested on many species of ornamental plants with good results, but if local use information in this product is not available, it is recommended to pre-spray a few plants to check for compatibility.

Application Rates for Ornamentals:			
Sites	Pests	Rates	Remarks
Landscape ornamentals including trees, shrubs, evergreens and foliage plants	Adelgids, ants, aphids, azalea lace bugs, bagworms, boxelder bugs, cankerworms, cardamom thrips, cockroaches, crickets, elm leaf beetles, elm spanworms, European pine sawflies, fall webworms, flea beetles, flies, fungus gnats, grasshoppers, greenstriped mapleworm, Gypsy moth (larvae), imported willow leaf beetles, Japanese beetles (adults)*, June beetles (adults), lace bugs, leaf-feeding caterpillars, leafhoppers, leaf rollers, loopers, leaf skeletonizers, mealybugs, midges, mimosa webworms, mites**, orangestriped oakworms, pillbugs, pine shoot beetles, pine tip moths, pinyon spindlegall midges, plant bugs, redhumped caterpillar, red imported fire ants, sawfly larvae, sowbugs, spiders, springtails, spanworms, scale insects (crawlers), tent caterpillars, ticks, webworms, yellownecked caterpillar	4 to 8 oz./100 gallons of water	Apply at first sign of pest presence. Mix Delta 4.74% SC with the required amount of water and apply as a finished spray to ensure thorough coverage of all plant surfaces, but not to the point of run-off..

*Will provide anti-feedant properties on treated ornamentals against Japanese beetles.

**Suppression only.

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Mix as needed. Store in original container in a secured dry storage area. Avoid extremes in temperatures. Prevent cross-contamination with other pesticides and fertilizers. If the container is leaking and/or material is spilled, on floor or paved surfaces, absorb on sawdust or other commercially available absorbing material, sweep up and remove to chemical waste area for your disposal. Concentrate is stable at normal storage temperatures.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Refillable containers: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from the container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond Control Solutions, Inc.'s control, it is impossible for Control Solutions, Inc. to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, CONTROL SOLUTIONS, INC. MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT CONTROL SOLUTIONS, INC.'S ELECTION, THE REPLACEMENT OF PRODUCT.

Optional Marketing Language:

D-FENSE™ SC is a concentrated suspension of ~~pure~~ micro-crystals of the active ingredient Deltamethrin.

Utilized for crack and crevice and spot applications in homes, hotels and schools, D-FENSE™ SC is a valuable tool in your integrated pest management arsenal for many types of ~~structural~~ pest control.

~~Broad-Use~~ sites include Residential, Commercial, Residential Turf and Landscape and Ornamental Plants. D-FENSE™ SC can ~~even~~ be applied to mattresses for control of bedbugs and lice, and is ~~safe~~ for use on paints, plastics, fabrics and other surfaces.

Mix D-FENSE™ SC with water and apply indoors as a crack and crevice, spot or general surface treatment with hand pressurized, backpack sprayers or power operated sprayers or other suitable equipment for indoor & outdoor pest control.

- Low odor
- Controls ants, bedbugs, cockroaches, fleas, flies, silverfish, spiders and many other listed pests
- Mattress and broadcast application for bedbugs and lice



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

JUL 14 2011

Amy Warren
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041

Subject: Label Amendment
EPA Registration No.: 53883-276
Delta 4.75% SC Insecticide

Date of Submission: March 1, 2011 (submitted as a notification under PRN 98-10)

Dear Ms. Warren:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable subject to the comments listed below. A stamped copy of the label is enclosed for your records. Two (2) copies of the final printed labeling must be submitted prior to releasing the product for shipment.

- 1) Delete the word "safe" from "*Safe for use on paints, plastics...*" from the last bulleted marketing claim on the first page. Claims of safety of the pesticide product or its ingredients are not allowed.
- 2) On page 7 revise "*Do not apply directly to food/feed products/ Do not apply directly to food or food-handling surfaces*" by deleting the word "*directly*."
- 3) On p.13 (optional marketing language):
 - a) Delete "*pure*" from "*pure micro-crystals of the active ingredient*."
 - b) Delete "*structural*" from "*...structural pest control*."
 - c) Delete "*broad*", "*even*", and "*safe*" from the third marketing claim.

If you have questions regarding this action, please contact Olga Odiott at (703) 308-9369.

Sincerely,

Mark Suarez
Product Manager 13
Insecticide Branch
Registration Division (7505P)

Delta 4.75% SC

INSECTICIDE

[Alt. Brand Name: D-FENSE™ SC]

[Alt. Brand Name: D-FENSE™ SC Insecticide]

[Optional Generic Descriptor: Insecticide]

For Use in Residential, Industrial and Institutional Areas

- Provides Control of Listed Insect/Pests in and around the Home
- For Insect Control on Commercial and Residential Turf and Landscape Ornamental Plants
- For crack and crevice and spot applications in homes, hotels and schools
- Controls ants, bedbugs, cockroaches, fleas, flies, silverfish, spiders and many other listed pests.
- Mattress application for bedbugs and lice.
- Broadcast spray for lawns and turfgrass to control fleas, ticks and other listed insects.
- Concentrated suspension of pure micro-crystals
- Long lasting residual
- Safe for use on Paints, Plastics, Fabrics and other surfaces

ACTIVE INGREDIENT:

*Deltamethrin4.75%

OTHER INGREDIENTS :95.25%

100.00%

*Contains 0.42 lb deltamethrin per gallon.

Reg. No.: 53883-276

EPA Est. No. : 53883-TX-02

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUCION AL USARIO: Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See [side panel] [inside booklet] for additional First Aid, Precautionary Statements, Storage and Disposal instructions and Directions for Use.

Manufactured By:
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507

NET CONTENTS: 1 Pint or 1 Gallon

ACCEPTED
with COMMENTS
In EPA Letter Dated
JUL 14 2011
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
53883-276

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION

Harmful if inhaled. Avoid breathing vapor or spray mist. Contact with product may result in transient tingling and reddening of the skin. Remove contaminated clothing and wash before reuse.

FIRST AID	
If Inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact SafetyCall® (866) 897-8050 for emergency medical treatment information.	

Environmental Hazards

This product is extremely toxic to fresh water and estuarine fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This pesticide is highly toxic to bees exposed to direct treatment. Do not apply or allow it to drift to crops or weeds on which bees are actively foraging.

Physical and Chemical Hazards

Do not use water-based sprays of Delta 4.75% SC in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard.

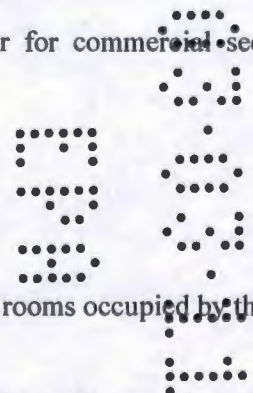
DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

RESTRICTIONS:

1. DO NOT apply Delta 4.75% SC through any type of irrigation system.
2. DO NOT water the treated area to the point of run-off.
3. DO NOT make applications during rain.
4. DO NOT apply this product to edible crops.
5. DO NOT apply this product in hospital patient rooms while occupied or in any rooms occupied by the elderly or infirm.
6. DO NOT apply in classrooms when in use.
7. DO NOT apply this product in the immediate area when occupants are present (including people and animals).
8. Do not apply this product more than once every 21 days.



All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

- a. Treatment to soil or vegetation around structures;
- b. Applications to lawns, turf, and other vegetation;
- c. Applications to building foundations, up to a maximum height of 3 feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow this product to enter any drain during or after application.

PRODUCT INFORMATION

Delta 4.75% SC is a suspension concentrate insecticide for use both indoors and outdoors for effective knockdown and long residual control of listed pests.

Mixing Instructions

Mix Delta 4.75% SC with water and apply using a hand pressurized or power operated sprayer, such as Actisol® or similar equipment. For outdoor broadcast application, apply as a coarse spray or with conventional hydraulic boom-type sprayer or other suitable equipment. Shake container well before using.

Dilution Instructions:

- add half the water to the spray tank;
- add Delta 4.75% SC as specified in the appropriate application rates table;
- agitate well;
- add the remaining water slowly to avoid excess foam;
- thoroughly agitate the sprayer before using to ensure proper suspension.

Note: If spraying is stopped when using a back-pack or hand-held spray equipment, reinvert sprayer before use. If spray screens are used, they should be 50 mesh or larger. Dilute Delta 4.75% SC only with water. Only prepare the spray solution when ready to make applications.

Tank Mixing: Delta 4.75% SC may be tank-mixed with other currently registered pesticides, unless prohibited by the product label. To check for product compatibility, a small volume mixing test with other products is recommended. Follow all restrictions and precautions specified on the labels of these tank-mix products.

PEST CONTROL INDOORS

Delta 4.75% SC may be applied to non/food/nonfeed areas in and around residential and non-residential buildings and structures, including residential kitchens, and nonfood/nonfeed areas of food/feed handling establishments.

Mix Delta 4.75% SC with water and apply indoors as a crack and crevice, spot or general surface treatment with hand pressurized or power operated sprayers or other suitable equipment.

For residential buildings and structures - apply only as a crack and crevice or spot treatment.

Approved use sites include the non-food/non-feed areas of:

Aircraft (cargo only)	Industrial buildings
Apartment buildings	Installations
Bakeries	Kitchens
Bottling facilities	Laboratories
Breweries	Mausoleums
Buses	Meat, poultry & egg processing & packaging plants
Cafeterias	Mobile & motor homes
Candy plants	Nursing homes
Canneries	Offices
Dairy product processing plants	Railcars
Food manufacturing plants	Restaurants
Food processing plants	Schools
Food service establishments	Ships & vessels
Granaries & grain mills	Trailers
Hospitals	Trucks
Hotels	Warehouses
Houses	Wineries

Crack and Crevice: Apply Delta 4.75% SC spray mixture to cracks and crevices in and around baseboards, floors, walls, appliances, areas around water and sewer pipes, and other voids with a low pressure system using a pinpoint or variable pattern nozzle.

Spot Treatment: Apply Delta 4.75% SC as a spot treatment in and around cupboards, and between, beneath and behind equipment or appliances using a low pressure system with fan-type nozzle.

To control carpet beetles, fleas and ticks indoors: Apply as a coarse, low pressure crack and crevice spot treatment to problem areas and infested habitats.

Restrictions:

- Do not treat entire area of floor, carpet or floor coverings.
- Do not apply as a space spray.
- Do not make applications to areas where prolonged contact by humans can occur.
- Limit spot treatment to pet beds and infested floor coverings.
- Do not apply to areas where food or feed can come into contact with treated surfaces.

Application Rates			
Pests	Concentration of Active Ingredient ¹	Dilution Rate ²	Use Instructions
ants, carpet beetles, firebrats, fleas, gnats, midges, centipedes, millipedes, pantry pests, silverfish, ticks (indoors)	0.01% - 0.03%w/w	0.25-0.75 fl. oz./gal 12.5-37.5 fl. oz./50 gals 25-75 fl. oz./100 gals	Apply at 21-day intervals. Remove pets and cover aquariums and terrariums before spraying. Do not

Bees, bedbugs, boxelder bugs, fleas (outdoors), ticks (outdoors), cecid flies, cockroaches, crickets, flies (including such flies as stable, house, cluster and horseflies), elm leaf beetles, ground beetles, moths, midges, hornets, killer bees, lice, mosquitoes, Multicolored Asian Lady Beetle, pillbugs, scorpions, sowbugs, spiders, yellowjackets, wasps	0.03% - 0.06%w/w	0.75-1.5 fl. oz./gal 37.5-75 fl. oz./50 gals 75-150 fl. oz./100 gals	apply to classrooms when in use. Do not use in aircraft cabins. Treat areas that insects inhabit or where they are normally found. Use 0.25 to 1.5 fluid ounces of Delta 4.75% SC in sufficient amount of water and apply to adequately cover 1000 square feet. Do not allow dripping or run-off to occur. Under conditions of severe pest infestation, when quick knockdown and/or longer residual control is desired, use 1.5 ounces of 0.06% Delta 4.75% SC per 1,000 sq. ft.
Termites (Formosan & Eastern subterranean - localized control only)	0.06% w/w	1.5 fl. oz./ gal 75 fl. oz./50 gals 150 fl. oz./100 gals	
Carpenter ants	0.03% w/w	0.75 fl. oz./gal 37.5 fl. oz./50 gals 75 fl. oz./100 gals	

¹The specified rate for maintenance treatments is 0.01% and for cleanout treatments is 0.03%. For control of severe infestations and longer residual control use the 0.06% rate. More frequent applications may be needed on concrete surfaces.

² 0.25 fl. oz.= 7.5 milliliters
0.75 fl. oz.= 22.7 milliliters
1.5 fl. oz.= 45.4 milliliters

Premise Pest Control

To control Cockroaches, Ants, Crickets, Silverfish, Firebrats, Centipedes, Millipedes, Cloth Moths, Earwigs, Pillbugs, Sowbugs, Scorpions and Spiders

Use Instructions: Apply as a coarse, low pressure spot or crack and crevice spray to areas that these pests are found especially dark corners of rooms and closets; floor drains; cracks and crevices in walls; along and behind baseboards; beneath and behind sinks, stoves, refrigerators, and cabinets; around plumbing and other utility installations; doors, windows and in attics and crawl spaces. Make applications to floor surfaces along baseboards and around air ducts. Allow surfaces to dry before children or pets come into contact.

Pantry Pest Control

To kill adult and manageable stages of insect pests such as Lesser Grain Borers, Grain Weevils, Flour Beetles, Saw-toothed Grain Beetles, Cigarette Beetles, Merchant Grain Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Grain Mites and Spider Mites.

Application Instructions: Apply to cupboards, shelving and storage areas. Before spraying, remove all foodstuffs, utensils, shelf paper and other objects. Allow treated surfaces to dry and cover shelves with clean paper prior to replacing foodstuffs, utensils or other items. Discard any foodstuff contaminated with any spray solution.

Crawling and Flying Insect Pests

Delta 4.75% SC controls crawling and flying insects such as flies, gnats, midges, mosquitoes, cockroaches, ants and silverfish.

Application Instructions: Use as a residual surface treatment to walls, ceilings, window screens and other resting areas inside residential buildings, as well as in and around carports, garages, storage sheds, unoccupied horse stables and pet kennels.

Ants (including Pharaoh Ants): Delta 4.75% SC may be applied to areas including where ants enter premises or live, and to trails, around doors and windows.

Bedbugs and Lice: Remove bed linens and wash before reuse. Apply Delta 4.75% SC to mattresses taking care to treat tufts, folds and edges until moist. Make application to the interior of the bed frame. Before remaking the bed, make sure the mattress is dry.

Carpet Beetles, Fleas and Ticks: Use of an IPM (integrated pest management) program should be followed. Before starting to treat, vacuum carpets, upholstered furniture, baseboards and other indoor areas where pets spend time. After vacuuming, discard the vacuum cleaner bag outside in a garbage can. Clean or replace pet bedding.

Application Instructions: Apply Delta 4.75% SC as a uniform coarse low-pressure spot or crack and crevice treatment to areas where pests are found. Limit spot treatments to pet bedding and its surrounding area, infested floor coverings and pest habitats.

Restrictions:

- Do not treat entire area of floor, carpet or floor coverings.
- Use a dust such as Deltadust® in areas around electrical equipment.
- Do not apply as a space spray.
- Restrict applications to furniture where no prolonged contact by humans will occur.
- Do not allow people or pets to contact treated areas until spray has dried.

Delta 4.75% SC can be used with an Insect Growth Regulator (IGR). For effective control of fleas, treatment directly to the pet with an EPA registered product for such use, as well as treating outside areas pets frequent may be required. Delta 4.75% SC can also be applied outdoors for flea control. DO NOT treat pets with this product.

Pet Kennels: Delta 4.75% SC may be applied to control crawling and flying insects in and around pet kennels. Make application as a general surface and/or crack and crevice spray. For best results, at the same time, clean the facility to be treated and use Delta 4.75% SC to treat the exterior perimeter.

Restrictions:

- Apply only to areas of facility where animals are not present.
- Allow spray to dry before allowing re-entry of animals into treated areas.
- Do not apply to animal feed or watering equipment.

FOOD/FEED HANDLING ESTABLISHMENTS

Applications are permitted in non-food/non-feed areas of food/feed handling and processing establishments as a general surface, spot or crack and crevice treatment to control labeled pests.

Non-Food/Non-Feed Areas: Areas include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (after packaging, canning or bottling). Treat any area that insects are observed in or where insects may enter.

General Surface Applications: Before application cover or remove all food/feed processing and/or handling equipment. After application, wash all equipment, benches, shelving and other surfaces that food/feed will contact in food/feed processing plants, cafeterias and similar facilities. Clean food/feed handling or processing equipment and rinse well with clean, fresh water. After application in bakeries, clean all food contact surfaces thoroughly with appropriate equipment.

Restrictions:

- Do not use this application method in the food/feed handling areas of the facility when the facility is in operation or foods/feeds are exposed.
- Do not apply directly to food/feed products.

Spot or Crack & Crevice Applications: Spot or crack and crevice applications may be made while the facility is in operation provided exposed food is covered or removed from area being treated prior to application.

Restrictions:

- Application is prohibited in Federally inspected meat and poultry plants while such facility is in operation.
- Do not apply directly to food or food-handling surfaces.
- In the home, do not allow spray to contact food/feed surfaces. If it does, clean surfaces with soap and water.

GRAIN BINS AND WAREHOUSES

Dilute 0.25-1.5 fl. oz. of Delta 4.75% SC with water to make 1 gallon of solution. Use Delta 4.75% SC as a perimeter treatment to prevent infestation of these structures. Apply to areas where pests are seen or may find entrance. Treat a band of soil or lawn up to 6-10 feet wide around and adjacent to structures and treat the foundation to a height of 2 to 3 feet. Apply as a coarse spray at a rate of 1 gallon per 1000 sq. ft. Thoroughly and uniformly wet the barrier area but do not allow run-off to occur.

PEST CONTROL OUTDOORS

Apply Delta 4.75% SC as a perimeter treatment, residual spray or broadcast application to lawns, grounds and ornamental plantings.

Apply as a perimeter treatment or residual spray around residential and non-residential settings. Treatments should begin at the first sighting of pests.

Residual Spray: Apply Delta 4.75% SC as a coarse low-pressure spray at the rate of 0.75 to 1.5 fl. oz. to surfaces of buildings, porches, screens, window frames, eaves, patios, refuse dumps, garages and lawns.

Perimeter Treatments: For best results, apply Delta 4.75% SC to areas where pests are seen and may find entrance. Treat a band of soil or lawn up to 6 -10 feet wide around and adjacent to buildings and treat the building foundation to a height of 2 to 3 feet. Apply as a coarse spray at the rate of 0.25 to 1.5 fl. oz. of Delta 4.75% SC in sufficient amount of water. (See Mixing Directions for Perimeter Application below). Use an adequate volume to thoroughly and uniformly wet the barrier area but do not allow run-off to occur.

MIXING DIRECTIONS FOR Delta 4.75% SC -OUTDOOR PERIMETER APPLICATION

I. Delta 4.75% SC DILUTION (0.25 oz. /1000 sq. ft.) - (Based on one home being 1,000 sq. ft.)

Tank Size	15 Gallon		25 Gallon		50 Gallon		100 Gallon	
Finished Spray: Gallons Per 1000 sq. ft	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*
1	3.75	15	6.25	25	12.50	50	25.00	100
3	1.25	5	2.08	8	4.17	16	8.33	33
5	0.75	3	1.25	5	2.50	10	5.00	20
10	0.37	1.5	0.63	2.5	1.25	5	2.50	10

*Based on Delta 4.75% SC applied at 0.25 ounces per 1,000 square feet treated per home or structure.

II. Delta 4.75% SC DILUTION (1.00 oz. /1000 sq. ft.)

Tank Size	15 Gallon		25 Gallon		50 Gallon		100 Gallon	
Finished Spray: Gallons Per 1000 sq. ft.	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*
1	15.0	15	25.0	25	50	50	100.0	100
3	5.0	5	8.4	8.3	16.70	16.7	33.3	33.3
5	3.0	3	5.0	5	10.0	10	20.0	20
10	1.5	1.5	2.5	2.5	5.0	5	10.0	10

*Based on Delta 4.75% SC applied at 1.00 ounce per 1,000 square feet treated per home or structure.

Fleas and Ticks: To control fleas and ticks, make application of Delta 4.75% SC as a coarse wet spray. Treat dog houses, kennels, run areas, cracks and crevices in sidewalks, patios, areas under plants, shrubs, bushes, trees, or other moist, shaded areas where pests are known to rest.

Fire Ants: Dilute 1.5 oz. per one gallon of water and apply Delta 4.75% SC as a drench treatment. Gently sprinkle 1 to 2 gallons of the diluted insecticide over the surface of each mound and surrounding area to a 2-foot diameter. Best results are obtained when applied in cool weather, 65 to 80°F or in early morning or late evening hours. Treat new mounds as they appear. Pressurized sprays may disturb the ants and cause migration, reducing product effectiveness.

Wood-Infesting Insects: For control of wood-infesting beetles on surfaces in homes and other structures, apply a 0.06% suspension of Delta 4.75% SC. Brush or spray the suspension evenly on wood surfaces to treat small areas. Use a coarse spray to treat large or overhead areas of homes, apartment buildings, etc., and thoroughly cover the area. Before spraying, cover all surfaces below the treatment area with plastic sheeting or other material. After spraying, dispose of the plastic sheeting or other material in the trash. Allow surfaces in the treated area to dry completely before coming into contact.

Restrictions: Do not apply Delta 4.75% SC until the location of heating or air conditioning ducts, vents, water and sewer lines and electrical conduits are identified. Once known, applications may be made around these structures, however, be careful to avoid contamination of these structures and airways.

Foam Application: To treat structural voids for the control of insect and arthropod pests in walls, under

slabs or in other void areas, convert Delta 4.75% SC to a foam by mixing the end-use dilution of Delta 4.75% SC with the manufacturer's recommended volume of foaming agent. Use the rate as recommended for a suspension treatment converted to a foam to get the correct foam expansion ratios. Before treatment check to make sure that the foaming agent is compatible with Delta 4.75% SC.

For control of **above-ground termites and wood-infesting beetles** in localized areas, apply a 0.06% suspension or sufficient volume of foam of Delta 4.75% SC to voids and galleries in damaged wood and in spaces between wooden structural members and between the sill plate and foundation where wood is vulnerable. Applications may be made to inaccessible areas by drilling and then injecting the suspension or foam with a suitable directional injector into the damaged wood or wall voids. All treatment holes drilled in construction elements in commonly occupied areas of structures must be securely plugged.

To control **termite carton nests** in building voids and trees, inject a 0.06% suspension or foam using a pointed injection tool. Multiple injection points to varying depths may be necessary. For best results, remove carton nest material from building voids and trees when nests are found. Termite carton nests in trees may be injected with 0.06% suspension or foam using a pointed injection tool.

To control **exposed worker and winged reproductive forms of termites**, applications to attics, crawl spaces, unfinished basements, or man-made voids may be made with a coarse fan spray of 0.06% suspension. For control of **swarming or reproductive stages of termites**, apply a 0.06% suspension to the swarm or area on which they collect. Delta 4.75% SC will kill **workers or winged reproductive forms** present at the time of treatment. These applications are supplemental only, and do not take the place of mechanical alteration, soil treatment or foundation treatment.

For control of **above-ground termites and carpenter ants** inside trees, utility poles, fencing and decking materials and similar structures, locate the infested area by drilling then inject 0.06% suspension or foam using an appropriate treatment tool with a splashback guard.

For protection of firewood from **carpenter ants and termites**, before stacking firewood, treat the soil underneath with a 0.06% suspension at 1 gallon per 8 square feet to prevent infestation. DO NOT treat firewood with this product.

For control of **carpenter ants** in houses and other structures, use a 0.06% suspension and apply as a general surface, spot, crack and crevice or wall void application using coarse spray or foam to thoroughly cover the treatment area. Make application around doors and windows and any other areas where carpenter ants may gain entrance. Apply as a spray or foam into cracks and crevices, and drill small holes into voids where ants or nests may be present. Do not apply more than 1 gallon of dilute suspension per 100 square feet of treated surface.

For control of **tunneling carpenter ants** in soil, apply a 0.06% suspension as a drench or inject the suspension or foam at 8 to 12 inch intervals. Create a uniform vertical barrier at the edge of walls, driveways or other hard surfaces where ants are tunneling beneath the surfaces.

For control of **carpenter bees** in structures, apply a 0.06% suspension or sufficient volume of foam directly into gallery entrance holes. Leave the entrance holes open for 24 hours to make sure that returning adult bees are killed. If no activity is visible, use an appropriate sealant to seal the hole.

TURFGRASS APPLICATIONS

Delta 4.75% SC controls listed insects on turfgrasses and ornamental plants in outdoor areas such as athletic fields, recreational areas, residential landscapes, parks, and public and commercial sites. Make

application when insects first appear ensuring uniform coverage.

Apply as a broadcast application using a minimum of 2 gallons of water per 1000 sq. ft. with a hydraulic boom-type sprayer or other suitable equipment for turfgrass pests. Follow the specified rates listed in the Application Rates for Turfgrass Sites table. Use higher volumes (4 to 10 gallons of water per 1000 sq. ft.) for areas of dense turfgrass and/or where turfgrass is mowed at greater heights. Control is achieved when the insecticide contacts the target pest. For best results on surface-feeding insects, do not irrigate or mow within 24 hours after application. For subsurface-feeding insects, apply 0.25 to 0.5 inch of water immediately after application. Do not allow people or pets into the treatment area until turfgrass has dried.

Tank Mixing: Delta 4.75% SC may be tank-mixed with other pest control or fertilizer products. Observe all restrictions, precautions and limitations appearing on the tank-mix partner label. To check for compatibility with Delta 4.75% SC, mix a small test sample of the products in the correct proportions with water in a quart jar. The use of silicone surfactants in tank mixtures with Delta 4.75% SC may enhance the control of some insects.

RESTRICTIONS: In New York State, product may not be applied to turf within 100 feet of a coastal marsh or stream that drains directly into a coastal marsh. For control of turf insects in New York, a second application may be made after two weeks if target insect activity persists.

Application Rates For Turfgrass Sites			
Sites	Pests	Rates	Use Instructions
Athletic fields, recreational areas, lawns & grounds, residential areas, parks, public and commercial sites	Ants, armyworms, centipedes, chiggers, cockroaches, crickets, cutworms, fleas(adult), grasshoppers, ground beetles, Japanese beetles (adults), leafhoppers, mealybugs, pillbugs, scorpions, sod webworms, sowbugs, springtails, spiders, ticks	0.4 to 0.6 fl. oz./1000 sq. ft. or 17.5 to 26 fl. oz./Acre or 0.06 to 0.08 lb. ai/A	Apply at first sign of pest presence. Apply as a broadcast spray in a minimum of 2 gallons of water per 1000 sq. ft. For best control of surface feeders such as cutworms and webworms, do not water or mow for 24 hours after application. For subsurface-feeders, such as mole crickets, apply 0.25 to 0.5 inch of water immediately after application. The use of silicone surfactants in tank mixtures with Delta 4.75% SC may enhance the control of some insects.
	Annual bluegrass weevil (adult), billbugs (adult), black turfgrass ataenius (adult), chinch bugs, mites*, mole crickets.	0.6 to 0.9 fl. oz./sq. ft. or 26 to 39 fl. oz./Acre or 0.08 to 0.13 lb. ai/A	

*Suppression Only

LANDSCAPE ORNAMENTAL TREATMENTS

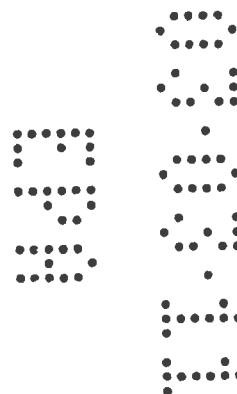
Use Delta 4.75% SC to control the listed insects when applied as directed in the Application Rates for Ornamentals table below. Mix the Delta 4.75% SC with the required amount of water and apply as a finished spray to upper and lower leaf surfaces to ensure thorough coverage, but not to the point of run-off. Make sure to apply sufficient product to wet the leaves, trunk and branches of ornamentals.

Restrictions: Similar formulations have been tested on many species of ornamental plants with good results, but if local use information in this product is not available, it is recommended to pre-spray a few plants to check for compatibility.

Application Rates for Ornamentals:			
Sites	Pests	Rates	Remarks
Landscape ornamentals including trees, shrubs, evergreens and foliage plants	Adelgids, ants, aphids, azalea lace bugs, bagworms, boxelder bugs, cankerworms, cardamom thrips, cockroaches, crickets, elm leaf beetles, elm spanworms, European pine sawflies, fall webworms, flea beetles, flies, fungus gnats, grasshoppers, greenstriped mapleworm, Gypsy moth (larvae), imported willow leaf beetles, Japanese beetles (adults)*, June beetles (adults), lace bugs, leaf-feeding caterpillars, leafhoppers, leaf rollers, loopers, leaf skeletonizers, mealybugs, midges, mimosa webworms, mites**, orangestriped oakworms, pillbugs, pine shoot beetles, pine tip moths, pinyon spindlegall midges, plant bugs, redhumped caterpillar, red imported fire ants, sawfly larvae, sowbugs, spiders, springtails, spanworms, scale insects (crawlers), tent caterpillars, ticks, webworms, yellownecked caterpillar	4 to 8 oz./100 gallons of water	Apply at first sign of pest presence. Mix Delta 4.74% SC with the required amount of water and apply as a finished spray to ensure thorough coverage of all plant surfaces, but not to the point of run-off..

*Will provide anti-feedant properties on treated ornamentals against Japanese beetles.

**Suppression only.



STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Mix as needed. Store in original container in a secured dry storage area. Avoid extremes in temperatures. Prevent cross-contamination with other pesticides and fertilizers. If the container is leaking and/or material is spilled, on floor or paved surfaces, absorb on sawdust or other commercially available absorbing material, sweep up and remove to chemical waste area for your disposal. Concentrate is stable at normal storage temperatures.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Refillable containers: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from the container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond Control Solutions, Inc.'s control, it is impossible for Control Solutions, Inc. to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, CONTROL SOLUTIONS, INC. MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT CONTROL SOLUTIONS, INC.'S ELECTION, THE REPLACEMENT OF PRODUCT.

Optional Marketing Language:

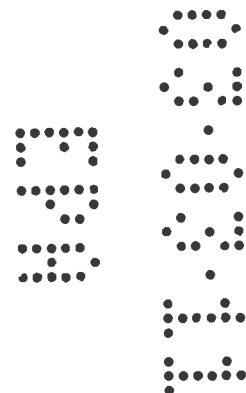
D-FENSE™ SC is a concentrated suspension of pure micro-crystals of the active ingredient Deltamethrin.

Utilized for crack and crevice and spot applications in homes, hotels and schools, D-FENSE™ SC is a valuable tool in your integrated pest management arsenal for many types of structural pest control.

Broad use sites include Residential, Commercial, Residential Turf and Landscape and Ornamental Plants. D-FENSE™ SC can even be applied to mattresses for control of bedbugs and lice, and is safe for use on paints, plastics, fabrics and other surfaces.

Mix D-FENSE™ SC with water and apply indoors as a crack and crevice, spot or general surface treatment with hand pressurized, backpack sprayers or power operated sprayers or other suitable equipment for indoor & outdoor pest control.

- Low odor
- Controls ants, bedbugs, cockroaches, fleas, flies, silverfish, spiders and many other listed pests
- Mattress and broadcast application for bedbugs and lice





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, D.C. 20460

OFFICE OF CHEMICAL
SAFETY AND POLLUTION
PREVENTION

JUL - 7 2011

Date: June 23, 2011
OPP Decision Number: 449848
EPA File Symbol or Registration Number: 53883-276
Product Name: Delta 4.74% SC
EPA Receipt Date: May 31, 2011
EPA Company Number: 53883
Company Name: Control Solutions, Inc.

Registrant Contact: Jane Miller
Biologic, Inc.
Registrant Name: Control Solutions, Inc.
Registrant Address: c/o Biologic, Inc.
115 Obtuse Hill Road
Brookfield, CT 06804

Subject: Confirmation of Request to Withdraw an Application

Dear Ms. Miller:

This is to confirm that the Agency has received and processed your request of June 23, 2011, to withdraw the above referenced application. Pursuant to FIFRA Section 33(b)(2)(g), the Agency must retain 25 percent of Pesticide Registration Improvement Act (PRIA) registration fee. When an application is withdrawn within 60 days of the beginning of the PRIA review period, as is the case here, the Agency must refund 75% of the registration service fee. Accordingly, the Agency will refund you 75% of the registration service fee paid for this R 340 action, as soon as practical. Any future submission related to this action must be submitted as a new application and requires the appropriate fee.

If you have questions concerning this letter, please contact the Pesticide Registration Fee Ombudsman, at (703) 308-9362.

Sincerely,

A handwritten signature in blue ink that reads "Lois Rossi".

Lois Rossi, Director
Registration Division (7504P)

BIOLOGIC INC.
agribusiness professionals

June 23, 2011

Document Processing Desk
Office of Pesticide Programs (7504P)
US Environmental Protection Agency
One Potomac Yard
2777 S. Crystal Drive
Room S-4900, 4th Floor
Arlington, VA 22202

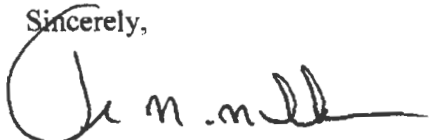
Attention: Mr. Mark Suarez (PM #13)
RE: "Delta 4.75% SC"; EPA Reg. No. 53883-276
OPP Dec. No. D-449848
Request to Withdraw Pending Amendment Action

Dear Mr. Suarez:

On behalf of Control Solutions, Inc. we are requesting to withdraw the pending label and formulation amendment action noted above. Control Solutions has decided to develop a revised formulation in order to address the inert ingredient deficiencies as noted in the Agency's review. Control Solutions further understands that it will receive a refund of any balance remaining of the PRIA fees paid for this action.

Should you have any questions, or wish to reach me, please feel free to contact our office at 203-740-1200.

Sincerely,



Jane M. Miller
Agent to Control Solutions, Inc.

ROUTING & TRANSMITTAL SLIP

June 23, 2011

TO: (Name, office symbol, room number, building, Agency/Post)	Initials	Date
1. Mark Suares		
2. Marion Johnson	<i>[Signature]</i>	6/23/11
3. Lois Rossi	<i>[Signature]</i>	6/27/11
4. Steve Schaible	<i>[Signature]</i>	7/7/11
5. Driss Benmhend		
6.		

X	Action		File		Note And Return
X	Approval		For Clearance		Per Conversation
	As Requested		For Correction		Prepare Reply
	Circulate		For Your Information		See Me
X	Comment		Investigate		Signature
	Coordination		Justify		

REMARKS

Confirmation of a Request to Withdraw an Application

OPP Decision Number: 449848
 EPA Registration Number: 53883-276
 Product Name: Delta 4.74% SC
 EPA Receipt Date: May 31, 2011
 EPA Company Number: 53883
 Company Name: Control Solutions

The PM received this application on June 21, 2011 (21 day screening expiration date). I contacted the applicant's agent immediately, and she agreed to withdraw the application

Registration Division

JUL - 7 2011

DATE RECEIVED

Please review and sign

Thanks

Driss

FROM: (Name, org. symbol, Agency/Post)	Room No.-Bldg.: Potomac Yard S 7236
Driss Benmhend	Phone No. 308-9525

Viewing Record 1 of 1

114

site [link to <http://www.epa.gov/opprd001/inerts/lists.html>] and if the inert is not approved, to **obtain the necessary inert approval prior to submitting an application to register a pesticide product containing that inert ingredient.** Some inert ingredients are no longer approved for food uses or certain types of uses. The name and/or CAS number on a CSF must match the name and CAS number on this web site. Simple typographical errors in the name or CAS number have resulted in processing delays.

If an inert is not listed on the inert ingredient web site and the applicant believes that the inert has been approved, the applicant should contact the Inert Ingredient Assessment Branch (IIAB) at inertsbranch@epa.gov and resolve the issue. Copies of the correspondence with IIAB resolving the issue should accompany the application. All new inerts except PIP inerts are reviewed by IIAB. The IIAB should also be contacted for any questions on what supporting data needs to be submitted for and the Agency's inert review process. Questions on PIP inerts should be directed to the Chief of Microbial Pesticides Branch [Link to http://www.epa.gov/oppbpd1/biopesticides/contacts_bppd.htm].

When a brand, trade, or proprietary name of an inert ingredient is listed on a CSF, additional information such as an alternate name of the inert, CAS number or other information [link to <http://www.epa.gov/opprd001/inerts/tips.pdf>] must also be included to enable the Agency to determine if it has been approved. Each component of an inert mixture (including a fragrance) must be identified. In some cases, the supplier of the mixture or fragrance may need to provide this information to the Agency. Prior to the Agency's receipt of an application, applicants must arrange with a proprietary mixture or fragrance supplier to provide the component information to the Agency or promptly upon EPA's request. If the inert ingredients in a proprietary blend (including fragrances) cannot or are not identified or provided within the 21-day content review period, the Agency will reject the application.

During the 21 day content review, applicants should submit information to the individual identified by the Agency when the applicant is informed of an unapproved inert.

Unapproved Inerts Identified on CSFs

All applications except conventional new products and PIPs

Once an unapproved inert is identified on a CSF, the Agency will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the inert's identity or CAS number, providing documentation that the inert has been approved, or removing the unapproved inert from the CSF or replacing it with one that is approved for the application's uses; or
2. Submit the information and data needed for the Agency to approve the unapproved inert. If this option is selected and implemented, the Agency may request an extension in the PRIA decision review timeframe to accommodate the inert review/approval process;

3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of these options is selected and implemented by the applicant within the 21 day content review period, the Agency will reject the application and retain 25% of the full fee of the category identified.

Conventional New Product Applications

When the Registration Division identifies an unapproved inert on a CSF with an application for a new product that the applicant has not identified as requiring an inert approval (R311, R312 or R313), it will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the inert's identity or CAS number, providing documentation that the inert has been approved, or removing the unapproved inert from the CSF or replacing it with one that is approved for the application's uses; or
2. Submit the information and data needed for the Agency to approve the unapproved inert, including any required petition to establish or amend a tolerance or exemption from a tolerance. (This option may change the PRIA category for the application, which could require a longer decision review time and a larger fee. If additional fees are due, they must be received by the Agency within the 21 day content review period.)
3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of the above options is selected and implemented during the 21-day content-review period, the Agency will reject the application and retain 25% of the appropriate fee for the new product-inert approval category.

PIP Applications

When the Biopesticide and Pollution Prevention Division identifies an unapproved inert on a PIP CSF and a request to approve the inert does not accompany the application, it will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the spelling or name of the inert to that in 40 CFR 174, or providing documentation that the inert has been approved; or
2. Submit the information and data needed for the Agency to approve the unapproved inert. If an inert ingredient tolerance exemption petition is required, the petition must be received by the Agency and the B903 fee paid within the 21 day period. If this option is selected and implemented, the Agency will discuss harmonizing the timeframe for both actions.

3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of the above options is selected and implemented during the 21 day content review period, the Agency will reject the application and retain 25% of the fee.

B. A policy on documentation of offers to pay is still being developed, however, for a me-too or fast track (similar/identical) new product, R300 or A530, an application without the necessary authorizations of offers to pay will be placed into either R301 or A531. The Agency recommends that authorizations of offers to pay be submitted with other PRIA applications to avoid delays in the Agency's decision.

C. Biopesticide applicants are advised to contact the Agency and discuss study waivers prior to submitting their application to the Agency. Documentation of such discussions should be submitted with the study waiver.



RE: EPA Submission: Delta 4.75% SC (EPA Registration Number :
53883-276)

Jane Miller to: Jennifer Brandon

06/06/2011 01:09 PM

I will follow-up with the sources of these materials.

Best Regards,

Jane M. Miller

115 Obtuse Hill Road
Brookfield, CT 06804

Tel: 203-740-1200
Fax: 203-740-1220

-----Original Message-----

From: Brandon.Jennifer@epamail.epa.gov
[mailto:Brandon.Jennifer@epamail.epa.gov]
Sent: Monday, June 06, 2011 12:20 PM
To: jmilller@biologicconsulting.com
Cc: Nair.Sree@epamail.epa.gov
Subject: EPA Submission: Delta 4.75% SC (EPA Registration Number: 53883-276)

Ms. Miller,

This is a follow- up email with regard to your submission Delta 4.75% SC
(EPA Registration Number: 53883-276). We have found the following
deficiencies regarding your submission

Please refer to the attached Inert Clearance Status Forms
to address inert issues regarding this application.
(See attached file: Inert Status 53883-276.doc)

You can send the revised CSFs either by fax to 703-305-5060/ ATTN:
Jennifer Brandon or email them to brandon.jennifer@epa.gov.

If you have any questions or require additional information, please do not
hesitate to contact me.

Thanks,

Jennifer Brandon
Data Analyst (EPA Contractor)
2777 S. Crystal Drive
Arlington, VA 22202
Ph: 703-305-0074
Fax: 703-305-5060
Email: brandon.jennifer@epa.gov



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

June 1, 2011

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

OPP Decision Number: D-449848
EPA File Symbol or Registration Number: 53883-276
Product Name: DELTA 4.75% SC
EPA Receipt Date: 31-May-2011
EPA Company Number: 53883
Company Name: CONTROL SOLUTIONS, INC.

ANNE TURNBOUGH, PH.D.
CONTROL SOLUTIONS, INC.
5903 GENOA-RED BLUFF ROAD
PASADENA, TX 77507-1041

SUBJECT: Receipt of Registration Amendment Subject to Registration Service Fee

Dear Registrant:

The Office of Pesticide Programs has received your amendment and certification of payment. If you submitted data with this application, the results of the PRN-86-5 screen will be communicated separately. During the administrative screen, the Office of Pesticide Programs has determined that this Action is subject to a Pesticide Registration Service Fee as defined in the Pesticide Registration Improvement Act.

The Action has been identified as Action Code: R340

NON-FAST-TRACK (INCLUDES CHANGES TO PRECAUTIONARY LABEL
STATEMENTS;SOURCE CHANGES TO AN UNREGISTERED SOURCE);

No additional payment is due at this time.

If you have any questions, please contact the Pesticide Registration Service Fee
Ombudsman at (703) 308-9362.

Sincerely,

A handwritten signature in black ink, appearing to be "m. H. Z. Li".

Front End Processing Staff
Information Technology & Resources Management Division

{896884`~

This package includes the following

- New Registration

⊙ Amendment

☒ Studies? ☐ Fee Waiver?

☐ volpay % Reduction: _____

for Division

○ AD

- BPPD

RD

Risk Mgr. 13

Receipt No.

S-

896884

EPA File Symbol/Reg. No.

53883-276

Pin-Punch Date:

5/31/2011

☐ This item is NOT subject to FFS action.

Action Code:

Requested:

8340

Granted:

R340

Amount Due: \$ 3617.00

Parent/Child Decisions:

☐ Inert Cleared for Intended Use

Uncleared Inert in Product

Reviewer:

Date: _____

Remarks:

REMARKS:

NEED TO LIST PRODUCT THEY ARE SUBSTANTIALLY
SIMILAR TO FOR ACUTE TOX

- NO PETITION FOR NEW FOOD USE - NO USE TOO FAR FROM
USE BEING ADDED 120

PLEASE RETURN TO CODING IF NEW FOOD USES REALLY BEING ADDED

Receipt for Section 3

S: 896884 Resubmission: ☐ Yes ☒ No

Regulatory Type: Product Registration - Section 3 Fee For Service: ☐ Yes ☒ No

Application Type: Amendment Billable: ☒ Yes ☐ No

Company: 53883 CONTROL SOLUTIONS, INC. V

Risk Manager: Registration Division, Risk Management Team 13

Product #: 53883-276 Product Name: DELTA 4.75% SC

Override#:

Me Too Section3: 432-763 Me Too Product Name: K-OTHRINE SC INSECTICIDE

Application Date: 26-May-2011 id OPP Rec'd Date: 31-May-2011 id

Front End Date: 31-May-2011 id Risk Manager Send Date: id

FFS Due Date: Negotiated Due Date:

OPP Target Date:

Fast Track: ☐ New Ingredient: ☐

Receipt Description:

CSF amendment

Form A: ☐ Signature Date: Form B: ☐ Signature Date:

New Ingredient Request Date:

New Ingredient Received Date:

View/Edit

Receipt Content Des

Study	
CSF	

Jane Miller

From: paygovadmin@mail.doc.twai.gov
Sent: Friday, May 27, 2011 10:32 AM
To: jmill@biologicconsulting.com
Subject: Pay.Gov Payment Confirmation

THIS IS AN AUTOMATED MESSAGE. PLEASE DO NOT REPLY.

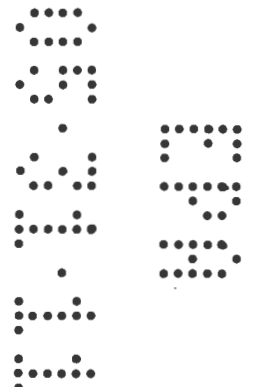
Your transaction has been successfully completed.

Transaction Summary

Application Name: PRIA Service Fees
Pay.gov Tracking ID: 253FC6QC
Agency Tracking ID: 74204977999
Transaction Type: Sale
Transaction Date: May 27, 2011 10:31:53 AM

Account Holder Name: Jane M. Miller
Transaction Amount: \$3,617.00
Billing Address: 115 Obtuse Hill Road
City: Brookfield
State/Province: CT
Zip/Postal Code: 06804
Country: USA
Card Type: Visa
Card Number: *****0690

Decision Number:
Registration Number: 53883-276
Company Name: Control Solutions, Inc.
Company Number: 53883
Action Code: R340





United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☒ Amendment
☐ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 53883-276	2. EPA Product Manager M. Suarez	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Delta 4.75% SC	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

This amendment is to add 1) an alternate formulation, 2) alternate manufacturing process, and 3) food uses to the label. This action will fall within the category as stated in Table 5 - Registration Division: Amendments to Registration as published in the Federal Register. This product is further defined under EPA No. R340; CR No. 54. The PRIA fee for this registration action is therefore \$3,617.

Jane M. Miller - Tel: 203-740-1200; Fax: 203-740-1220; Email: jmiller@biologicconsulting.com

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	
				<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Jane M. Miller		Title Agent	
		Telephone No. (Include Area Code) (203) 740-1200	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped) 423
2. Signature 		3. Title Agent	
4. Typed Name Jane M. Miller		5. Date May 26, 2011	

BIOLOGIC INC.
agribusiness professionals

May 26, 2011

Document Processing Desk (AMEND)
Office of Pesticide Programs (7504P)
US Environmental Protection Agency
One Potomac Yard
2777 S. Crystal Drive
Room S-4900, 4th Floor
Arlington, VA 22202

Attention: Mr. Mark Suarez (PM #13)
RE: "Delta 4.75% SC"; EPA Reg. No.53883-276
Application for Pesticide Amendment – Revised Basic Formulation, Alternate Manufacturing
Process and add Food Uses to the Label

Dear Mr. Suarez:

On behalf of Control Solutions, Inc. we are submitting this Application for Pesticide Amendment for the above mentioned product. This amendment action is to - 1) change the basic formulation (active and inert ingredients); 2) add an alternate manufacturing process; and 3) add food uses to the label.

The following documents are submitted in order to process this amendment action:

Volume 1 Administrative Materials

- Application for Pesticide Amendment (EPA Form 8570-1)
- Certification With Respect to Citation of Data (EPA Form 8570-34)
- Data Matrix (EPA Form 8570-35)
- Formulator's Exemption Statement (EPA Form 8570-27)
- Confidential Statement of Formula (EPA Form 8570-4)
- Five (5) copies of draft labeling

Volume 2 Alternate Formulation Product Identity and Composition

OPPTS Guideline 830.1550 through 830.1900

Volume 3 Alternate Formulation Physical/Chemical Characteristics

OPPTS Guideline 830.6302 through 830.7950

This Application for Pesticide Amendment will fall within the category on Table 5 - Registration Division: Amendments to Registration, EPA No. R340; CR No. 54. The PRIA fee for this application is \$3,617.

Should you have any questions or need additional information, please feel free to contact my office at (203) 740-1200.

Sincerely,


Jane Miller

Agent to Control Solutions, Inc.

Memorandum

Date: 6 / 3 / 11

To: PM 13, Regulatory Manager

From: Information Services Branch, ITRMD

Your receipt of this data submission is not an indication that MRIDs for the enclosed studies have been posted to OPPIN.

We expect that it will be approximately 5 days from the above date before the study-level data is available in OPPIN.

If you have any questions about this process, please contact Teresa Downs (305-5363).

This is a: ☒ fully accepted submission
☐ partially accepted submission
☐ rejected submission



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

June 2, 2011

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

ANNE TURNBOUGH, PH.D.
CONTROL SOLUTIONS, INC.
5903 GENOA-RED BLUFF ROAD
PASADENA, TX 77507-1041

Report of Analysis for Compliance with PR Notice 86-5

Thank you for your submittal of 31-MAY-11. Our staff has completed a preliminary analysis of the material. The results are provided as follows:

Your submittal was found to be in full compliance with the standards for submission of data contained in PR Notice 86-5. A copy of your bibliography is enclosed, annotated with Master Record ID's (MRIDs) assigned to each document submitted. Please use these numbers in all future references to these documents. Thank you for your cooperation. If you have any questions concerning this data submission, please raise them with the cognizant Product Manager, to whom the data have been released.

Receipt for Section 3

S: 896884

Resubmission: ☐ Yes ☒ No

Regulatory Type: Product Registration - Section 3

Fee For Service: ☐ Yes ☒ No

Application Type: Amendment

Billable: ☒ Yes ☐ No

Company: 53883 CONTROL SOLUTIONS, INC.

V

Risk Manager: Registration Division, Risk Management Team 13

Product #: 53883-276

Product Name: DELTA 4.75% SC

Override#:

Me Too Section3: 432-763

Me Too Product Name: K-OTHRINE SC INSECTICIDE

Application Date: 26-May-2011

OPP Rec'd Date: 31-May-2011

Front End Date: 31-May-2011

Risk Manager Send Date:

FFS Due Date:

Negotiated Due Date:

OPP Target Date:

Fast Track: ☐

New Ingredient: ☐

Receipt Description: CSF amendment

New Ingredient Request Date:

New Ingredient Received Date:

Form A: ☐ Signature Date:

Form B: ☐ Signature Date:

Print Letter

Enter More Information

Tracking

Receipt Content

Study

CSF

View/Edit

BIOLOGIC INC.
agribusiness professionals

May 26, 2011

Document Processing Desk (AMEND)
Office of Pesticide Programs (7504P)
US Environmental Protection Agency
One Potomac Yard
2777 S. Crystal Drive
Room S-4900, 4th Floor
Arlington, VA 22202

Attention: Mr. Mark Suarez (PM #13)
RE: "Delta 4.75% SC"; EPA Reg. No.53883-276
Application for Pesticide Amendment – Revised Basic Formulation, Alternate Manufacturing
Process and add Food Uses to the Label

Dear Mr. Suarez:

On behalf of Control Solutions, Inc. we are submitting this Application for Pesticide Amendment for the above mentioned product. This amendment action is to - 1) change the basic formulation (active and inert ingredients); 2) add an alternate manufacturing process; and 3) add food uses to the label.

The following documents are submitted in order to process this amendment action:

Volume 1 Administrative Materials

- Application for Pesticide Amendment (EPA Form 8570-1)
- Certification With Respect to Citation of Data (EPA Form 8570-34)
- Data Matrix (EPA Form 8570-35)
- Formulator's Exemption Statement (EPA Form 8570-27)
- Confidential Statement of Formula (EPA Form 8570-4)
- Five (5) copies of draft labeling

48495501 Volume 2 Alternate Formulation Product Identity and Composition

OPPTS Guideline 830.1550 through 830.1900

48495502 Volume 3 Alternate Formulation Physical/Chemical Characteristics

OPPTS Guideline 830.6302 through 830.7950

This Application for Pesticide Amendment will fall within the category on Table 5 - Registration Division: Amendments to Registration, EPA No. R340; CR No. 54. The PRIA fee for this application is \$3,617.

Should you have any questions or need additional information, please feel free to contact my office at (203) 740-1200.

Sincerely,


Jane Miller

Agent to Control Solutions, Inc.

BIOLOGIC INC.
agribusiness professionals

May 26, 2011

Document Processing Desk (AMEND)
Office of Pesticide Programs (7504P)
US Environmental Protection Agency
One Potomac Yard
2777 S. Crystal Drive
Room S-4900, 4th Floor
Arlington, VA 22202

Attention: Mr. Mark Suarez (PM #13)
RE: "Delta 4.75% SC"; EPA Reg. No. 53883-276
Application for Pesticide Amendment – Revised Basic Formulation, Alternate Manufacturing
Process and add Food Uses to the Label

Dear Mr. Suarez:

On behalf of Control Solutions, Inc. we are submitting this Application for Pesticide Amendment for the above mentioned product. This amendment action is to - 1) change the basic formulation (active and inert ingredients); 2) add an alternate manufacturing process; and 3) add food uses to the label.

The following documents are submitted in order to process this amendment action:

Volume 1 Administrative Materials

- Application for Pesticide Amendment (EPA Form 8570-1)
- Certification With Respect to Citation of Data (EPA Form 8570-34)
- Data Matrix (EPA Form 8570-35)
- Formulator's Exemption Statement (EPA Form 8570-27)
- Confidential Statement of Formula (EPA Form 8570-4)
- Five (5) copies of draft labeling

48495501 Volume 2 Alternate Formulation Product Identity and Composition

OPPTS Guideline 830.1550 through 830.1900

48495502 Volume 3 Alternate Formulation Physical/Chemical Characteristics

OPPTS Guideline 830.6302 through 830.7950

This Application for Pesticide Amendment will fall within the category on Table 5 - Registration Division: Amendments to Registration, EPA No. R340; CR No. 54. The PRIA fee for this application is \$3,617.

Should you have any questions or need additional information, please feel free to contact my office at (203) 740-1200.

Sincerely,


Jane Miller

Agent to Control Solutions, Inc.

Environmental Protection Agency

Formulator's Exemption Statement (40 CFR 152.85)

Applicant's Name and Address Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, Ct 06804	EPA File Symbol/Registration Number 53883-276
	Product Name Delta 4.75% SC
	Date of Confidential Statement of Formula (EPA Form 8570-4) May 12, 2011

(1) This product contains the following active ingredient(s):

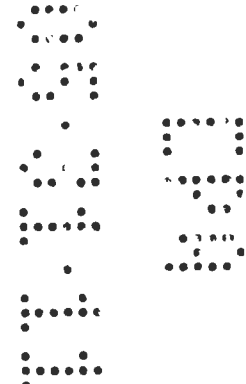
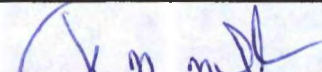
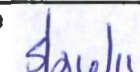
(2) Of these, each active ingredient listed in paragraph (4) is present solely as the result of the use of that active ingredient in the manufacturing, formulation or repackaging another product which contains that active ingredient which is registered under FIFRA Section 3, is purchased by us from another producer, and is labeled for at least each use for which my product is proposed to be labeled.

☒ (A) An accurate Confidential Statement of Formula (EPA FORM 8570-4) for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

OR

☒ (B) The Confidential Statement of Formula (CSF) (EPA Form 8570-4) referenced above and on file with the EPA is complete, current, and accurate and contains the information required on the current CSF.

(4) The following active ingredients in this product qualify for the formulator's exemption.

Source		
Active Ingredient	Product Name	Registration Number
Deltamethrin Technical		
Signature 	Name and Title Jane M. Miller, Agent	Date 

Product ingredient source information may be entitled to confidential treatment



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the completed form to this address.

Certification with Respect to Citation of Data

Applicant's/Registrant's Name, Address, and Telephone Number Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804	EPA Registration Number/File Symbol 53883-276
Active Ingredient(s) and/or representative test compound(s) Deltamethrin	Date May 26, 2011
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) Terrestrial Non-Food, Domestic Outdoor, Indoor	Product Name Delta 4.75% SC

NOTE: If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

SECTION I: METHOD OF DATA SUPPORT (Check one method only)

<input type="checkbox"/> I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).	<input checked="" type="checkbox"/> I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).
--	---

SECTION II: GENERAL OFFER TO PAY

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☒ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

SECTION III: CERTIFICATION

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

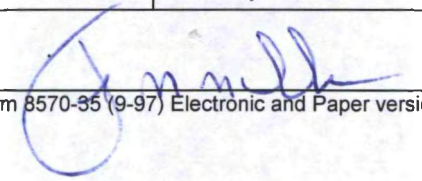
I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature 	Date May 26, 2011	Typed or Printed Name and Title Jane M. Miller, Agent
---------------	----------------------	--

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date May 26, 2011			EPA Reg. No./File Symbol 53883-276		Page 1 of 10
Applicant's/Registrant's Name & Address Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Product Identity and Composition	48119801	Control Solutions, Inc.	OWN	
830.1600	Description of Materials Used to Produce the Product	48119801	Control Solutions, Inc.	OWN	
830.1650	Description of Formulation Process	48119801	Control Solutions, Inc.	OWN	
830.1670	Discussion of Formation of Impurities	48119801	Control Solutions, Inc.	OWN	
830.1750	Certified Limits	48119801	Control Solutions, Inc.	OWN	
830.1800	Enforcement Analytical Method	48119801	Control Solutions, Inc.	OWN	
830.1900	Submittal of Samples				1
830.6302	Color	48119802	Control Solutions, Inc.	OWN	
830.6303	Physical State	48119802	Control Solutions, Inc.	OWN	
830.6304	Odor	48119802	Control Solutions, Inc.	OWN	
830.6314	Oxidation / Reduction: Chemical Incompatibility				2
830.6315	Flammability / Flame Extension				3
830.6316	Explosibility				4
830.6317	Storage Stability				5
830.6319	Miscibility				6
Signature 			Name and Title Jane M. Miller, Agent		Date 5/26/2011

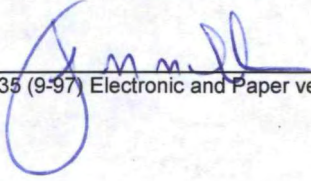
Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date May 26, 2011			EPA Reg. No./File Symbol 53883-276		Page 2 of 10
Applicant's/Registrant's Name & Address Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6320	Corrosion Characteristics				7
830.6321	Dielectric Breakdown Voltage				8
830.7000	PH	48119802	Control Solutions, Inc.	OWN	
830.7100	Viscosity	48119802	Control Solutions, Inc.	OWN	
830.7300	Density	48119802	Control Solutions, Inc.	OWN	
870.1100	Acute Oral Toxicity	Cite-All		PAY	
870.1200	Acute Dermal Toxicity	Cite-All		PAY	
870.1300	Acute Inhalation Toxicity	Cite-All		PAY	
870.2400	Acute Eye Irritation	Cite-All		PAY	
870.2500	Acute Dermal Irritation	Cite-All		PAY	
870.2600	Skin Sensitization	Cite-All		PAY	
	Efficacy	Cite-All		PAY	
To satisfy the acute toxicity and efficacy data requirements, the following companies have been sent offer to pay letters			Bonide Products	PAY	
			Oriskany, NY		
			P.F. Harris Mfg. Co.	PAY	
			Alpharetta, GA		
			The Scotts Company	PAY	
			Marysville, OH		
Signature 			Name and Title Jane M. Miller, Agent		Date 5/26/2011

Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

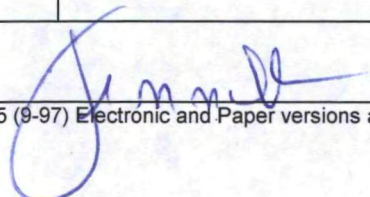
Agency Internal Use Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date May 26, 2011			EPA Reg. No./File Symbol 53883-276		Page 3 of 10
Applicant's/Registrant's Name & Address Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			FMC Corp.	PAY	
			Philadelphia, PA		
			Excel Marketing	PAY	
			Salem, VA		
			Bayer Cropscience LP	PAY	
			Research Triangle Park, NC		
			Boehringer Ingelheim Vetmedica	PAY	
			Elwood, KS		
			Chase Products	PAY	
			Maywood, IL		
			S.C. Johnson & Son	PAY	
			Racine, WI		
			Voluntary Purchasing Group	PAY	
			Plano, TX		
			Southern Ag. Insecticides	PAY	
			Palmetto, FL		
			Speer Products Inc.	PAY	
			Memphis, TN		
Signature 			Name and Title Jane M. Miller, Agent		Date 5/26/2011

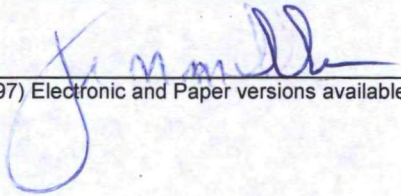
Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date May 26, 2011			EPA Reg. No./File Symbol 53883-276		Page 4 of 10
Applicant's/Registrant's Name & Address Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Reckitt Benckiser LLC	PAY	
			Parsippany, NJ		
			Aerochem Inc.	PAY	
			Raymond, MS		
			Senoret Chemical Co., Inc.	PAY	
			Silver Springs, MD		
			Safeguard Chemical Corp.	PAY	
			Greeley, CO		
			Sumitomo Chemical Co., Ltd.	PAY	
			Baltimore, MD		
			Safer Inc.	PAY	
			Lititz, PA		
			CTX-Cenol Inc.	PAY	
			Miami, FL		
			K-G Packaging	PAY	
			Hartford, WI		
Signature 			Name and Title Jane M. Miller, Agent		Date 5/26/2011

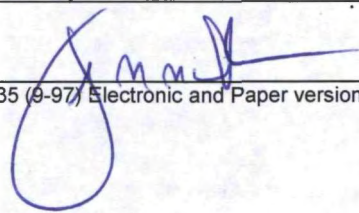
Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date May 26, 2011			EPA Reg. No./File Symbol 53883-276		Page 5 of 10
Applicant's/Registrant's Name & Address Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Spray Drift Task Force	PAY	
			Washington, DC		
			Star Horse Products	PAY	
			Goodyear, AZ		
			Valent Biosciences Corp.	PAY	
			Libertyville, IL		
			Bengal Products	PAY	
			Baton Rouge, LA		
			Bayer Environmental Science	PAY	
			Research Triangle Park, NC		
			Whitmire Micro-Gen	PAY	
			St. Louis, MO		
			Outdoor Residential Exposure Task	PAY	
			Washington, DC		
			Agricultural Re-Entry Task Force	PAY	
			Washington, DC		
Signature 			Name and Title Jane M. Miller, Agent		Date 5/26/2011

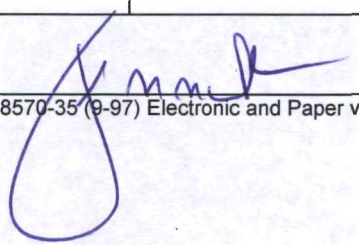
Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date May 26, 2011			EPA Reg. No./File Symbol 53883-276		Page 6 of 10
Applicant's/Registrant's Name & Address Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Value Garden Supply	PAY	
			St. Joseph, MO		
			Green Light Co.	PAY	
			Washington, DC S		
			Questvapcol Corp.	PAY	
			Brenham, TX		
			Arysta Lifescience North America	PAY	
			Cary, NC		
			Non-Dietary Exposure TF	PAY	
			Washington, DC		
			FIFRA Endangered Species TF	PAY	
			Washington, DC		
			Residential Exposure Joint Venture	PAY	
			Washington, DC		
			Agricultural Handlers Exposure TF	PAY	
			Macon, MO		
Signature 			Name and Title Jane M. Miller, Agent		Date 5/26/2011

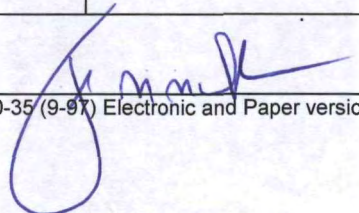
Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date May 26, 2011			EPA Reg. No./File Symbol 53883-276		Page 7 of 10
Applicant's/Registrant's Name & Address Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Black Flag Brands, LLC	PAY	
			Bedford Heights, OH		
			Hedley Technologies Inc.	PAY	
			Grand Junction, CO		
			Pyrethroid Working Group	PAY	
			Washington, DC		
			J.J. Mauget Co.	PAY	
			Woodbridge, VA		
			Waterbury Companies	PAY	
			Independence, LA		
			Amrep	PAY	
			Marietta, GA		
			E.I. Dupont De Nemours and Co.	PAY	
			Wilmington, DE		
			Zep Manufacturing Co.	PAY	
			Atlanta, GA		
Signature 			Name and Title Jane M. Miller, Agent		Date 5/26/2011

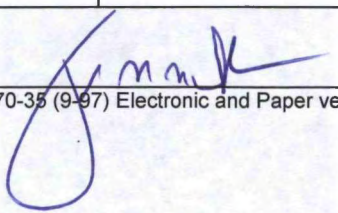
Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date May 26, 2011			EPA Reg. No./File Symbol 53883-276		Page 8 of 10
Applicant's/Registrant's Name & Address Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Bacon Products Company	PAY	
			Chattanooga, TN		
			The Andersons Lawn Fertilizer Div.	PAY	
			Maumee, OH		
			Apollo Industries Inc.	PAY	
			Smyrna, GA		
			Rainbow Technology Corp.	PAY	
			Greeley, CO		
			Phaeton Corporation	PAY	
			Salem, VA		
			Hoechst Schering Agrevo S.A.	PAY	
			Research Triangle Park, NC		
			Mystic Chemical Products Co.	PAY	
			Cleveland, OH		
			Walla Walla Environmental Inc.	PAY	
			Walla Walla, WA		
			Lawson Products, Inc.	PAY	
			Des Plaines, IL		
Signature 			Name and Title Jane M. Miller, Agent		Date 5/26/2011

Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

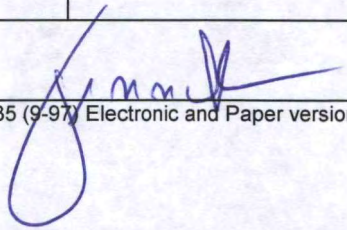
Agency Internal Use Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date May 26, 2011			EPA Reg. No./File Symbol 53883-276		Page 9 of 10
Applicant's/Registrant's Name & Address Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			ZEP Commercial Sales & Service	PAY	
			Atlanta, GA		
			Bugg Products, LLC	PAY	
			Plymouth, MN		
Signature 			Name and Title Jane M. Miller, Agent		Date 5/26/2011

Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

Data Matrix Footnotes for 53883-276

1. Not required at this time for this end-use product.
2. Not applicable. The active and inert ingredients in this product are not considered strong oxidizing or reducing agents.
3. Not applicable. The product does not contain combustible liquids.
4. Not applicable. The active and inert ingredients in this product are not considered as potentially explosive.
5. In process.
6. Not applicable. Product is not intended to be diluted with petroleum solvents.
7. In process.
8. Not applicable. The product is not intended for use around electrical equipment.

21-Day Screen Completed by
Contractor

21-Day Expires on 6-21-11

Jacket # 53 883-276
MRID# 484 955

Content Screen: Recommend to **Pass/Fail**

86-5 Review: **Pass/Fail/NA**

Overall Status: Recommend to **Pass/Fail**

Transfer This Jacket to:

Stephen Schnible

PM 13

PRIA 2 – 21 Day Content Screen Review Worksheet

(EPA/OPP Use Only)

3/23/09

21 Day Screen Start Date: 5-31-11 6-1-11

Experts In-Processing Signature: M F Harrington Date 5-31-11 Fee Paid: Yes ☒

Division management contacted on issues No ☐ Yes ☐ Date _____

EPA Reg. Number: <u>53883-276</u>		EPA Receipt Date: <u>5-31-11</u>				
Items for Review				Yes	No	N/A*
1	Application Form (EPA Form 8570-1)(link to form) signed & complete including package type			X		
2	Confidential Statement of Formula all boxes completed, form signed, and dated (EPA Form 8570-4) (Link to form)			X		
	a) All inerts (link to http://www.epa.gov/opprd001/inerts/), including fragrances, approved for the proposed uses (see Footnote A)	yes	no			
			X			
3	Certification with Respect to Citation of Data (EPA Form 8570-34) (Link to form) completed and signed (N/A if 100% repack)			X		
	Certificate and data matrix consistent			X		
	If applicant is relying on data that are compensable, is the offer to pay statement included. (see Footnote B)	yes	no			
	If applicable, is there a letter of Authorization for exclusive use only.					
4	Formulator's Exemption Statement (EPA Form 8570-27) (Link to form) completed and signed (N/A if source is unregistered or applicant owns the technical)			X		
	Data Matrix (EPA Form 8570-35) (Link to form) both internal and external copies (PR 98-5) (Link to PR 98-5) completed and signed (N/A if 100% repack)			X		
5	a) Selective Method (Fee category experts use)	yes	no			
	b) Cite-All (Fee category experts use)	X				
	c) Applicant owns all data (Fee category experts use)					
6	5 Copies of Label (link to http://www.epa.gov/oppfead1/labeling/lrm/) (Electronic labels on CD are encouraged and guidance is available)(link to http://www.epa.gov/pesticides/regulating/registering/submissions/index.htm#labels)			X		

7	Is the data package consistent with PR Notice 86-5 (link to PRN 86-5)	X		
8	Notice of Filing (link to http://www.epa.gov/pesticides/regulating/tolerance_petitions.htm) included with petitions (link to http://www.epa.gov/pesticides/regulating/tolerances.htm)			X
9	If applicable for conventional applications, reduced risk rationale (link to http://www.epa.gov/opprd001/workplan/reducedrisk.html)			X
10	Required Data (link to http://www.epa.gov/pesticides/regulating/data_requirements.htm) and/or data waivers. See Footnote C.			
	a) List study (or studies) not included with application			

Comments:

- Studies passed 86-5 Review
- Contacted registrant on 06/06/11 for inert issue:
 - requested 100% comp. for [REDACTED]
 - [REDACTED] are NOT approved for 180.910, ^{pre and} postharvest app.
- As of 06/14 the registrant is still working on these inert issue. She will send all inert information needed straight to the PM. due to time constraints on our part.
- Inerts are not approved for food use under 40 CFR 180.910, pre and post application. See inert status form.

* Jacket Fail due to inert issue
 * Studies Pass

UJB
 06/15/11

MRID 484955

* N/A – Not Applicable

Footnotes

A. During the 21 day initial content review, all CSFs will be reviewed to determine whether all inerts listed, including fragrances, are approved for the proposed uses. If an unapproved inert is identified, the applicant must either 1) resolve the inert issue by, for example, removing the inert, substituting it with an approved inert, submitting documentation that EPA approved the inert for the proposed pesticidal uses, correcting mistakes on the CSF, etc. or 2) provide the data to support OPP approval of the inert or 3) withdraw the application. Removing or substituting an inert ingredient will require a new CSF and may require submission of data. All information, forms, data and documentation resolving the inert issue must have been received by the Agency or the application withdrawn within the 21 day period, otherwise, the Agency will reject the application as described below.

To successfully complete this aspect of the 21 day initial content screen, applicants are **strongly encouraged** to verify that all inert ingredients have been approved for the application's uses **even if a product is currently registered** by consulting the inert Web

Explore Registrations				
Reg Number:	53883-276		Reg. Type:	Product Registration - Section 3
Name:	DELTA 4.75% SC		Status:	Conditionally Registered (30-Sep-2
			<View Registration Details>	
(No New Receipts)				
S:	Submission Type	OPP Rec'd Date	Resubmission	Description
<div> <div>...Decisions...</div> <div> <div>Data Requirements</div> <div> <div>D: Pending; 448277; 53883-276;300;LABEL REV</div> <div>75-Day Letters</div> <div>S: 894675 4/27/2011; Amendment; 53883</div> <div>D: Closed; 446139; 53883-276;332;NOTIFICATION</div> <div>D: Closed; 435209; 53883-276;R300;NEW PRO</div> </div> </div> </div>		<div> <div>S: 894675 Reg #: 53883-276</div> <div>Submission Type: Amendment</div> <div>Resubmission?: <input type="radio"/> Yes <input checked="" type="radio"/> No</div> <div>Decision #: 448277; 300;LABEL REVISION;NO DATA REQUIRED;</div> <div>Submitter Company: CONTROL SOLUTIONS, INC.</div> <div>Application Date: 27-Apr-2011</div> <div>OPP Received Date: 27-Apr-2011 Date Sent to Risk manager: 27-Apr-2011</div> <div>Studies Included?: <input type="radio"/> Yes <input checked="" type="radio"/> No Fast Track?: <input checked="" type="radio"/> Yes <input type="radio"/> No</div> <div>Form A Signed?: <input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> None Date: </div> <div>Form B Signed?: <input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> None Date: </div> <div>Reviewer: Odiott, Olga</div> <div>Received DT: 27-Apr-2011 Editable Due DT: </div> <div>Submission Due DT: 26-Jul-2011 Response: D , 27-Apr-2011</div> <div>Priority Weight: Priority Points: </div> <div>Comments: Alternate brand name and optional marketing claims</div> <div>originally submitted by and for</div> </div>		

Decision Information for 53883-276

Decision Seq: 446139

Action Code: 332,NOTIFICATION,30

...

FFS Start Date

Tentative Ind: No

FFS Original Decision:

...

Due Date: 02-Apr-2011

75-Day Due Date:

FFS EUP Decision:

...

OPP Target Due Dt:

21-Day Screen Dt:

FFS Primary Decision:

...

Negotiated Due Dt:

Start/Stop Clock

FGPA Clock:

...

Registrant

Days Elapsed:

...

Response Due Date:

...

Current Status: PENDING (08-Mar-2011)

Decision Status

Tracking

Create Resubmission

FFS Letters

Waiver Documentation

Action Code History

Secondary Decision

Decision Comments

Payment

Unmatched Payments

75 Day Letters

Meetings & Milestones

FFS Information

FFS Negotiated Due Dates

OPP Target Due Date

Decision Ownership

Receipts

Data Package

Reduced Risk

Receipts	Staff Member	Reg/DCI Number	Submission Due Dt	Response
S: 391575	Odiott, Olga	53883-276	02-Apr-2011	PENDING

Notification per PRN 98-10 - Alternate Brand Name/Optional Marketing Language

08/03/2011

Optimize language

art

Mail - Inbox - IBM Lot...

EPA-PRISM Main - Co...

1:23 PM



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Amy Warren
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041

Subject: Label Amendment (Originally submitted as a Notification)

EPA Registration No.: 53883-276
Delta 4.75% SC Insecticide

Date of Submission: March 1, 2011

Dear Ms. Warren:


The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable subject to the comments listed below. A stamped copy of the label is enclosed for your records. Two (2) copies of the final printed labeling must be submitted prior to releasing the product for shipment.

- 1) Delete the word "safe" from "Safe for use on paints, plastics..." from the last bulleted marketing claim on the first page. Claims of safety of the pesticide product or its ingredients are not allowed.
- 2) On page 7 revise "Do not apply directly to food/feed products/ Do not apply directly to food or food-handling surfaces" by deleting the word "directly."
- 3) On p.13 (optional marketing language):
 - a) Delete "pure" from "pure micro-crystals of the active ingredient."
 - b) Delete "structural" from "...structural pest control."
 - c) Delete "Broad", "even", and "safe" from the third marketing claim.

If you have questions regarding this action, please contact Olga Odiott at (703) 308-9369.

Sincerely,



RE: 53883-276 Delta 4.75% 
Mark Suarez to: Anne Turnbough
Cc: Amy Warren, Olga Odiott

05/18/2011 08:27 AM

Anne and Amy,

Olga Odiott is working on that submission. The submission has been reclassified as an amendment and will be processed accordingly. You may contact her directly for clarification on the problematic issues.

Regards,
Mark

Mark E. Suarez, Product Manager 13
Insecticide Branch
Registration Division (7505P)
Office of Pesticide Programs
Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington, DC 20460

(703)305-0120
suarez.mark@epa.gov

Anne Turnbough

Mark, Have you had a chance to look at Amy's e...

05/17/2011 04:10:36 PM

From: Anne Turnbough <aturnbough@ControlSolutionsInc.com>
To: Mark Suarez/DC/USEPA/US@EPA
Cc: Amy Warren <awarren@ControlSolutionsInc.com>
Date: 05/17/2011 04:10 PM
Subject: RE: 53883-276 Delta 4.75%

Mark,
Have you had a chance to look at Amy's email below ?
If you can provide us any feedback – much appreciated
Anne

From: Amy Warren
Sent: Monday, May 02, 2011 4:13 PM
To: suarez.mark@epa.gov
Cc: Anne Turnbough
Subject: 53883-276 Delta 4.75%

Mark,

We just received the denial of optional marketing claims on the above mentioned product. I am

attaching the submission packet. I would like to request further clarification on which claims are being denied. I have noted below the sections of the label where these claims were taken from. Thank you for your help.

Optional Marketing Language:

D-FENSE™ SC is a concentrated suspension of pure micro-crystals of the active ingredient Deltamethrin. (restatement of an already approved claim on page 1)

Utilized for crack and crevice and spot applications in homes, hotels and schools, D-FENSE™ SC is a valuable tool in your integrated pest management arsenal for many types of structural pest control. (taken from page 1)

Broad use sites include Residential, Commercial, Residential Turf and Landscape and Ornamental Plants. D-FENSE™ SC can even be applied to mattresses for control of bedbugs and lice, and is safe for use on paints, plastics, fabrics and other surfaces. (restatement of several marketing claims on page 1)

Mix D-FENSE™ SC with water and apply indoors as a crack and crevice, spot or general surface treatment with hand pressurized, backpack sprayers or power operated sprayers or other suitable equipment for indoor & outdoor pest control. (page 3 under Indoor section)

- Low odor
- Controls ants, bedbugs, cockroaches, fleas, flies, silverfish, spiders and many other listed pests
- Mattress and broadcast application for bedbugs and lice

Thank you,

Amy Warren
Regulatory Affairs Specialist II
Control Solutions Inc.
5903 Genoa Red Bluff
Pasadena, TX 77507-1041

281.892.2521 Direct
281.892.2500 Main
281.892.2501 Fax



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

APR 27 2011

Amy Warren
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041

Subject: Notification per PRN 98-10

EPA Registration No.: 53883-276
Delta 4.75% SC Insecticide

Date of Submission: March 1, 2011

Dear Ms. Warren:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the abovementioned product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested does not clearly fall within the scope of PRN 98-10 and will require additional administrative review of the related files. A summary of our findings include:

1. Not acceptable marketing claims

Therefore, the RD has determined that this action is denied and will be further processed as an amendment and our records have been updated accordingly.

If you have any questions regarding this action, please contact Olga Odiott at (703)308-9369.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark Suarez", is written over the word "Sincerely,".

Mark Suarez
Product Manager 13
Insecticide Branch
Registration Division (7505P)

March 1, 2011

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202-4501

**Re: Notification of Alternate Brand Name/Optional Marketing Language (PR) Notice 98-10
EPA Reg. No. 53883-276, Delta 4.75% SC**

Dear Sir or Madam:

Enclosed is a Notification per (PR) 98-10; See highlighted text on attached labeling.

We are notifying the Agency of an Alternate Brand Name and Optional Marketing Language.

CSI is removing the highlighted language on page 1 (3rd bullet point) to remove all reference to "all types of food handling use sites" to be consistent with EPA comments dated 9/30/2010.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 USC Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Enclosed please find:

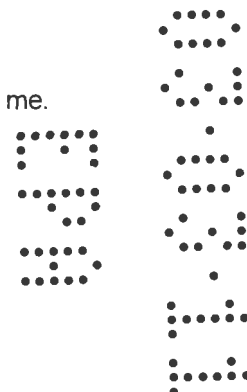
1. Application for Pesticide Registration (EPA Form 8570-1)
2. Highlighted label
3. Clean label

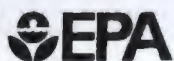
If you have any questions or need additional information, please feel free to contact me.

Sincerely,



Amy Warren
Regulatory Affairs Specialist II





United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 53883 - 276	2. EPA Product Manager Mark Suarez	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Delta 4.75% SC	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507-1041 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of ALTERNATE NAME/OPTIONAL MARKETING LANGUAGE per PR Notice 98-10. See attached labeling for highlighted portions.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	
				<input checked="" type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted					
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container pint-250 gallon tote		5. Location of Label Directions <input checked="" type="checkbox"/> on label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Amy Warren		Title Regulatory Affairs Specialist II	
		Telephone No. (Include Area Code) 800-242-5562	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			8. Date Application Received (Stamped)
2. Signature 		3. Title Regulatory Affairs Specialist II	
4. Typed Name Amy Warren		5. Date 3-1-11	

153

Delta 4.75% SC

INSECTICIDE

[Alt. Brand Name: D-FENSE™ SC]

[Alt. Brand Name: D-FENSE™ SC Insecticide]

[Optional Generic Descriptor: Insecticide]

For Use in Residential, Industrial and Institutional Areas

- Provides Control of Listed Insect/Pests in and around the Home
- ✓ • For Insect Control on Commercial and Residential Turf and Landscape Ornamental Plants — see note p. 2
- For crack and crevice and spot applications in homes, hotels and schools ~~and all types of food handling establishments.~~
- Controls ants, bedbugs, cockroaches, fleas, flies, silverfish, spiders and many other listed pests.
- Mattress application for bedbugs and lice.
- Broadcast spray for lawns and turfgrass to control fleas, ticks and other listed insects.
- Concentrated suspension of pure micro-crystals
- Long lasting residual
- 17 • Safe for use on Paints, Plastics, Fabrics and other surfaces

ACTIVE INGREDIENT:

*Deltamethrin4.75%

OTHER INGREDIENTS :95.25%

100.00%

*Contains 0.42 lb deltamethrin per gallon.

Reg. No.: 53883-276

EPA Est. No. : 53883-TX-02

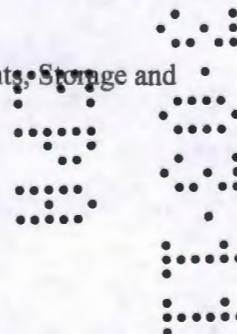
KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUCION AL USARIO: Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See [side panel] [inside booklet] for additional First Aid, Precautionary Statements, Storage and Disposal instructions and Directions for Use.

Manufactured By:
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507



NET CONTENTS: 1 Pint or 1 Gallon

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION

Harmful if inhaled. Avoid breathing vapor or spray mist. Contact with product may result in transient tingling and reddening of the skin. Remove contaminated clothing and wash before reuse.

FIRST AID	
If Inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact SafetyCall® (866) 897-8050 for emergency medical treatment information.	

Environmental Hazards

This product is extremely toxic to fresh water and estuarine fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This pesticide is highly toxic to bees exposed to direct treatment. Do not apply or allow it to drift to crops or weeds on which bees are actively foraging.

Physical and Chemical Hazards

Do not use water-based sprays of Delta 4.75% SC in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes. *also bottom of p. 9*

RESTRICTIONS:

1. DO NOT apply Delta 4.75% SC through any type of irrigation system.
2. DO NOT water the treated area to the point of run-off.
3. DO NOT make applications during rain.
4. DO NOT apply this product to edible crops.
5. DO NOT apply this product in hospital patient rooms while occupied or in any rooms occupied by the elderly or infirm.
6. DO NOT apply in classrooms when in use.
7. DO NOT apply this product in the immediate area when occupants are present (including people and animals).
8. Do not apply this product more than once every 21 days.

All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

- a. Treatment to soil or vegetation around structures;
- b. Applications to lawns, turf, and other vegetation;
- c. Applications to building foundations, up to a maximum height of 3 feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow this product to enter any drain during or after application.

PRODUCT INFORMATION

Delta 4.75% SC is a suspension concentrate insecticide for use both indoors and outdoors for effective knockdown and long residual control of listed pests.

Mixing Instructions

Mix Delta 4.75% SC with water and apply using a hand pressurized or power operated sprayer, such as Actisol® or similar equipment. For outdoor broadcast application, apply as a coarse spray or with conventional hydraulic boom-type sprayer or other suitable equipment. Shake container well before using.

Dilution Instructions:

- add half the water to the spray tank;
- add Delta 4.75% SC as specified in the appropriate application rates table;
- agitate well;
- add the remaining water slowly to avoid excess foam;
- thoroughly agitate the sprayer before using to ensure proper suspension.

Note: If spraying is stopped when using a back-pack or hand-held spray equipment, reinvert sprayer before use. If spray screens are used, they should be 50 mesh or larger. Dilute Delta 4.75% SC only with water. Only prepare the spray solution when ready to make applications.

Tank Mixing: Delta 4.75% SC may be tank-mixed with other currently registered pesticides unless prohibited by the product label. To check for product compatibility, a small volume mixing test with other products is recommended. Follow all restrictions and precautions specified on the labels of these tank-mix products.

PEST CONTROL INDOORS

Delta 4.75% SC may be applied to non/food/nonfeed areas in and around residential and non-residential buildings and structures, including residential kitchens, and nonfood/nonfeed areas of food/feed handling establishments.

Mix Delta 4.75% SC with water and apply indoors as a crack and crevice, spot or general surface treatment with hand pressurized or power operated sprayers or other suitable equipment.

For residential buildings and structures - apply only as a crack and crevice or spot treatment.

Approved use sites include the non-food/non-feed areas of:

Aircraft (cargo only)	Industrial buildings
Apartment buildings	Installations
Bakeries	Kitchens
Bottling facilities	Laboratories
Breweries	Mausoleums
Buses	Meat, poultry & egg processing & packaging plants
Cafeterias	Mobile & motor homes
Candy plants	Nursing homes
Canneries	Offices
Dairy product processing plants	Railcars
Food manufacturing plants	Restaurants
Food processing plants	Schools
Food service establishments	Ships & vessels
Granaries & grain mills	Trailers
Hospitals	Trucks
Hotels	Warehouses
Houses	Wineries

Crack and Crevice: Apply Delta 4.75% SC spray mixture to cracks and crevices in and around baseboards, floors, walls, appliances, areas around water and sewer pipes, and other voids with a low pressure system using a pinpoint or variable pattern nozzle.

Spot Treatment: Apply Delta 4.75% SC as a spot treatment in and around cupboards, and between, beneath and behind equipment or appliances using a low pressure system with fan-type nozzle.

To control carpet beetles, fleas and ticks indoors: Apply as a coarse, low pressure crack and crevice spot treatment to problem areas and infested habitats.

Restrictions:

- Do not treat entire area of floor, carpet or floor coverings.
- Do not apply as a space spray.
- Do not make applications to areas where prolonged contact by humans can occur.
- Limit spot treatment to pet beds and infested floor coverings.
- Do not apply to areas where food or feed can come into contact with treated surfaces.

Application Rates			
Pests	Concentration of Active Ingredient ¹	Dilution Rate ²	Use Instructions
ants, carpet beetles, firebrats, fleas, gnats, midges, centipedes, millipedes, pantry pests, silverfish, ticks (indoors)	0.01% - 0.03%w/w	0.25-0.75 fl. oz./gal 12.5-37.5 fl. oz./50 gals 25-75 fl. oz./100 gals	Apply at 21-day intervals. Remove pets and cover aquariums and terrariums before spraying. Do not

Bees, bedbugs, boxelder bugs, fleas (outdoors), ticks (outdoors), cecid flies, cockroaches, crickets, flies (including such flies as stable, house, cluster and horseflies), elm leaf beetles, ground beetles, moths, midges, hornets, killer bees, lice, mosquitoes, Multicolored Asian Lady Beetle, pillbugs, scorpions, sowbugs, spiders, yellowjackets, wasps	0.03% - 0.06% w/w	0.75-1.5 fl. oz./gal 37.5-75 fl. oz./50 gals 75-150 fl. oz./100 gals	apply to classrooms when in use. Do not use in aircraft cabins. Treat areas that insects inhabit or where they are normally found. Use 0.25 to 1.5 fluid ounces of Delta 4.75% SC in sufficient amount of water and apply to adequately cover 1000 square feet. Do not allow dripping or run-off to occur. Under conditions of severe pest infestation, when quick knockdown and/or longer residual control is desired, use 1.5 ounces of 0.06% Delta 4.75% SC per 1,000 sq. ft.
Termites (Formosan & Eastern subterranean - localized control only)	0.06% w/w	1.5 fl. oz./ gal 75 fl. oz./50 gals 150 fl. oz./100 gals	
Carpenter ants	0.03% w/w	0.75 fl. oz./gal 37.5 fl. oz./50 gals 75 fl. oz./100 gals	

¹The specified rate for maintenance treatments is 0.01% and for cleanout treatments is 0.03%. For control of severe infestations and longer residual control use the 0.06% rate. More frequent applications may be needed on concrete surfaces.

² 0.25 fl. oz.= 7.5 milliliters
0.75 fl. oz.= 22.7 milliliters
1.5 fl. oz.= 45.4 milliliters

Premise Pest Control

To control Cockroaches, Ants, Crickets, Silverfish, Firebrats, Centipedes, Millipedes, Cloth Moths, Earwigs, Pillbugs, Sowbugs, Scorpions and Spiders

Use Instructions: Apply as a coarse, low pressure spot or crack and crevice spray to areas that these pests are found especially dark corners of rooms and closets; floor drains; cracks and crevices in walls; along and behind baseboards; beneath and behind sinks, stoves, refrigerators, and cabinets; around plumbing and other utility installations; doors, windows and in attics and crawl spaces. Make applications to floor surfaces along baseboards and around air ducts. Allow surfaces to dry before children or pets come into contact.

Pantry Pest Control

To kill adult and manageable stages of insect pests such as Lesser Grain Borers, Grain Weevils, Flour Beetles, Saw-toothed Grain Beetles, Cigarette Beetles, Merchant Grain Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Grain Mites and Spider Mites.

Application Instructions: Apply to cupboards, shelving and storage areas. Before spraying, remove all foodstuffs, utensils, shelf paper and other objects. Allow treated surfaces to dry and cover shelves with clean paper prior to replacing foodstuffs, utensils or other items. Discard any foodstuff contaminated with any spray solution.

Crawling and Flying Insect Pests

Delta 4.75% SC controls crawling and flying insects such as flies, gnats, midges, mosquitoes, cockroaches, ants and silverfish.

Application Instructions: Use as a residual surface treatment to walls, ceilings, window screens and other resting areas inside residential buildings, as well as in and around carports, garages, storage sheds, unoccupied horse stables and pet kennels.

Ants (including Pharaoh Ants): Delta 4.75% SC may be applied to areas including where ants enter premises or live, and to trails, around doors and windows.

Bedbugs and Lice: Remove bed linens and wash before reuse. Apply Delta 4.75% SC to mattresses taking care to treat tufts, folds and edges until moist. Make application to the interior of the bed frame. Before remaking the bed, make sure the mattress is dry.

Carpet Beetles, Fleas and Ticks: Use of an IPM (integrated pest management) program should be followed. Before starting to treat, vacuum carpets, upholstered furniture, baseboards and other indoor areas where pets spend time. After vacuuming, discard the vacuum cleaner bag outside in a garbage can. Clean or replace pet bedding.

Application Instructions: Apply Delta 4.75% SC as a uniform coarse low-pressure spot or crack and crevice treatment to areas where pests are found. Limit spot treatments to pet bedding and its surrounding area, infested floor coverings and pest habitats.

Restrictions:

- Do not treat entire area of floor, carpet or floor coverings.
- Use a dust such as Deltadust® in areas around electrical equipment.
- Do not apply as a space spray.
- Restrict applications to furniture where no prolonged contact by humans will occur.
- Do not allow people or pets to contact treated areas until spray has dried.

Delta 4.75% SC can be used with an Insect Growth Regulator (IGR). For effective control of fleas, treatment directly to the pet with an EPA registered product for such use, as well as treating outside areas pets frequent may be required. Delta 4.75% SC can also be applied outdoors for flea control. DO NOT treat pets with this product.

Pet Kennels: Delta 4.75% SC may be applied to control crawling and flying insects in and around pet kennels. Make application as a general surface and/or crack and crevice spray. For best results, at the same time, clean the facility to be treated and use Delta 4.75% SC to treat the exterior perimeter.

Restrictions:

- Apply only to areas of facility where animals are not present.
- Allow spray to dry before allowing re-entry of animals into treated areas.
- Do not apply to animal feed or watering equipment.

FOOD/FEED HANDLING ESTABLISHMENTS

Applications are permitted in non-food/non-feed areas of food/feed handling and processing establishments as a general surface, spot or crack and crevice treatment to control labeled pests.

Non-Food/Non-Feed Areas: Areas include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (after packaging, canning or bottling). Treat any area that insects are observed in or where insects may enter.

General Surface Applications: Before application cover or remove all food/feed processing and/or handling equipment. After application, wash all equipment, benches, shelving and other surfaces that food/feed will contact in food/feed processing plants, cafeterias and similar facilities. Clean food/feed handling or processing equipment and rinse well with clean, fresh water. After application in bakeries, clean all food contact surfaces thoroughly with appropriate equipment.

Restrictions:

- Do not use this application method in the food/feed handling areas of the facility when the facility is in operation or foods/feeds are exposed.
- Do not apply directly to food/feed products. ?

Spot or Crack & Crevice Applications: Spot or crack and crevice applications may be made while the facility is in operation provided exposed food is covered or removed from area being treated prior to application.

Restrictions:

- Application is prohibited in Federally inspected meat and poultry plants while such facility is in operation.
- Do not apply directly to food or food-handling surfaces.
- In the home, do not allow spray to contact food/feed surfaces. If it does, clean surfaces with soap and water.

GRAIN BINS AND WAREHOUSES

Dilute 0.25-1.5 fl. oz. of Delta 4.75% SC with water to make 1 gallon of solution. Use Delta 4.75% SC as a perimeter treatment to prevent infestation of these structures. Apply to areas where pests are seen or may find entrance. Treat a band of soil or lawn up to 6-10 feet wide around and adjacent to structures and treat the foundation to a height of 2 to 3 feet. Apply as a coarse spray at a rate of 1 gallon per 1000 sq. ft. Thoroughly and uniformly wet the barrier area but do not allow run-off to occur.

PEST CONTROL OUTDOORS

Apply Delta 4.75% SC as a perimeter treatment, residual spray or broadcast application to lawns, grounds and ornamental plantings.

Apply as a perimeter treatment or residual spray around residential and non-residential settings. Treatments should begin at the first sighting of pests.

Residual Spray: Apply Delta 4.75% SC as a coarse low-pressure spray at the rate of 0.25 to 1.5 fl. oz. to surfaces of buildings, porches, screens, window frames, eaves, patios, refuse dumps, garages and lawns.

Perimeter Treatments: For best results, apply Delta 4.75% SC to areas where pests are seen and may find entrance. Treat a band of soil or lawn up to 6-10 feet wide around and adjacent to buildings and treat the building foundation to a height of 2 to 3 feet. Apply as a coarse spray at the rate of 0.25 to 1.5 fl. oz. of Delta 4.75% SC in sufficient amount of water. (See Mixing Directions for Perimeter Application below). Use an adequate volume to thoroughly and uniformly wet the barrier area but do not allow run-off to occur.

MIXING DIRECTIONS FOR Delta 4.75% SC -OUTDOOR PERIMETER APPLICATION

I. Delta 4.75% SC DILUTION (0.25 oz. /1000 sq. ft.) - (Based on one home being 1,000 sq. ft.)

Tank Size	15 Gallon		25 Gallon		50 Gallon		100 Gallon	
Finished Spray: Gallons Per 1000 sq. ft	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*
1	3.75	15	6.25	25	12.50	50	25.00	100
3	1.25	5	2.08	8	4.17	16	8.33	33
5	0.75	3	1.25	5	2.50	10	5.00	20
10	0.37	1.5	0.63	2.5	1.25	5	2.50	10

*Based on Delta 4.75% SC applied at 0.25 ounces per 1,000 square feet treated per home or structure.

II. Delta 4.75% SC DILUTION (1.00 oz. /1000 sq. ft.)

Tank Size	15 Gallon		25 Gallon		50 Gallon		100 Gallon	
Finished Spray: Gallons Per 1000 sq. ft.	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*
1	15.0	15	25.0	25	50	50	100.0	100
3	5.0	5	8.4	8.3	16.70	16.7	33.3	33.3
5	3.0	3	5.0	5	10.0	10	20.0	20
10	1.5	1.5	2.5	2.5	5.0	5	10.0	10

*Based on Delta 4.75% SC applied at 1.00 ounce per 1,000 square feet treated per home or structure.

Fleas and Ticks: To control fleas and ticks, make application of Delta 4.75% SC as a coarse wet spray. Treat dog houses, kennels, run areas, cracks and crevices in sidewalks, patios, areas under plants, shrubs, bushes, trees, or other moist, shaded areas where pests are known to rest.

Fire Ants: Dilute 1.5 oz. per one gallon of water and apply Delta 4.75% SC as a drench treatment. Gently sprinkle 1 to 2 gallons of the diluted insecticide over the surface of each mound and surrounding area to a 2-foot diameter. Best results are obtained when applied in cool weather, 65 to 80°F or in early morning or late evening hours. Treat new mounds as they appear. Pressurized sprays may disturb the ants and cause migration, reducing product effectiveness.

Wood-Infesting Insects: For control of wood-infesting beetles on surfaces in homes and other structures, apply a 0.06% suspension of Delta 4.75% SC. Brush or spray the suspension evenly on wood surfaces to treat small areas. Use a coarse spray to treat large or overhead areas of homes, apartment buildings, etc., and thoroughly cover the area. Before spraying, cover all surfaces below the treatment area with plastic sheeting or other material. After spraying, dispose of the plastic sheeting or other material in the trash. Allow surfaces in the treated area to dry completely before coming into contact.

Restrictions: Do not apply Delta 4.75% SC until the location of heating or air conditioning ducts, vents, water and sewer lines and electrical conduits are identified. Once known, applications may be made around these structures, however, be careful to avoid contamination of these structures and airways.

Foam Application: To treat structural voids for the control of insect and arthropod pests in walls, under

slabs or in other void areas, convert Delta 4.75% SC to a foam by mixing the end-use dilution of Delta 4.75% SC with the manufacturer's recommended volume of foaming agent. Use the rate as recommended for a suspension treatment converted to a foam to get the correct foam expansion ratios. Before treatment check to make sure that the foaming agent is compatible with Delta 4.75% SC.

For control of **above-ground termites and wood-infesting beetles** in localized areas, apply a 0.06% suspension or sufficient volume of foam of Delta 4.75% SC to voids and galleries in damaged wood and in spaces between wooden structural members and between the sill plate and foundation where wood is vulnerable. Applications may be made to inaccessible areas by drilling and then injecting the suspension or foam with a suitable directional injector into the damaged wood or wall voids. All treatment holes drilled in construction elements in commonly occupied areas of structures must be securely plugged.

To control **termite carton nests** in building voids and trees, inject a 0.06% suspension or foam using a pointed injection tool. Multiple injection points to varying depths may be necessary. For best results, remove carton nest material from building voids and trees when nests are found. Termite carton nests in trees may be injected with 0.06% suspension or foam using a pointed injection tool.

To control **exposed worker and winged reproductive forms of termites**, applications to attics, crawl spaces, unfinished basements, or man-made voids may be made with a coarse fan spray of 0.06% suspension. For control of **swarming or reproductive stages of termites**, apply a 0.06% suspension to the swarm or area on which they collect. Delta 4.75% SC will kill **workers or winged reproductive forms** present at the time of treatment. These applications are supplemental only, and do not take the place of mechanical alteration, soil treatment or foundation treatment.

For control of **above-ground termites and carpenter ants** inside trees, utility poles, fencing and decking materials and similar structures, locate the infested area by drilling then inject 0.06% suspension or foam using an appropriate treatment tool with a splashback guard.

For protection of firewood from **carpenter ants and termites**, before stacking firewood, treat the soil underneath with a 0.06% suspension at 1 gallon per 8 square feet to prevent infestation. DO NOT treat firewood with this product.

For control of **carpenter ants** in houses and other structures, use a 0.06% suspension and apply as a general surface, spot, crack and crevice or wall void application using coarse spray or foam to thoroughly cover the treatment area. Make application around doors and windows and any other areas where carpenter ants may gain entrance. Apply as a spray or foam into cracks and crevices, and drill small holes into voids where ants or nests may be present. Do not apply more than 1 gallon of dilute suspension per 1000 square feet of treated surface.

For control of **tunneling carpenter ants** in soil, apply a 0.06% suspension as a drench or inject the suspension or foam at 8 to 12 inch intervals. Create a uniform vertical barrier at the edge of walls, driveways or other hard surfaces where ants are tunneling beneath the surfaces.

For control of **carpenter bees** in structures, apply a 0.06% suspension or sufficient volume of foam directly into gallery entrance holes. Leave the entrance holes open for 24 hours to make sure that returning adult bees are killed. If no activity is visible, use an appropriate sealant to seal the hole.

TURFGRASS APPLICATIONS

Delta 4.75% SC controls listed insects on turfgrasses and ornamental plants in outdoor areas such as athletic fields, recreational areas, residential landscapes, parks, and public and commercial sites. Make

S.P. 112

application when insects first appear ensuring uniform coverage.

Apply as a broadcast application using a minimum of 2 gallons of water per 1000 sq. ft. with a hydraulic boom-type sprayer or other suitable equipment for turfgrass pests. Follow the specified rates listed in the Application Rates for Turfgrass Sites table. Use higher volumes (4 to 10 gallons of water per 1000 sq. ft.) for areas of dense turfgrass and/or where turfgrass is mowed at greater heights. Control is achieved when the insecticide contacts the target pest. For best results on surface-feeding insects, do not irrigate or mow within 24 hours after application. For subsurface-feeding insects, apply 0.25 to 0.5 inch of water immediately after application. Do not allow people or pets into the treatment area until turfgrass has dried.

Tank Mixing: Delta 4.75% SC may be tank-mixed with other pest control or fertilizer products. Observe all restrictions, precautions and limitations appearing on the tank-mix partner label. To check for compatibility with Delta 4.75% SC, mix a small test sample of the products in the correct proportions with water in a quart jar. The use of silicone surfactants in tank mixtures with Delta 4.75% SC may enhance the control of some insects.

RESTRICTIONS: In New York State, product may not be applied to turf within 100 feet of a coastal marsh or stream that drains directly into a coastal marsh. For control of turf insects in New York, a second application may be made after two weeks if target insect activity persists.

Application Rates For Turfgrass Sites			
Sites	Pests	Rates	Use Instructions
Athletic fields, recreational areas, lawns & grounds, residential areas, parks, public and commercial sites	Ants, armyworms, centipedes, chiggers, cockroaches, crickets, cutworms, fleas(adult), grasshoppers, ground beetles, Japanese beetles (adults), leafhoppers, mealybugs, pillbugs, scorpions, sod webworms, sowbugs, springtails, spiders, ticks	0.4 to 0.6 fl. oz./1000 sq. ft. or 17.5 to 26 fl. oz./Acre or 0.06 to 0.08 lb. ai/A	Apply at first sign of pest presence. Apply as a broadcast spray in a minimum of 2 gallons of water per 1000 sq. ft. For best control of surface feeders such as cutworms and webworms, do not water or mow for 24 hours after application. For subsurface-feeders, such as mole crickets, apply 0.25 to 0.5 inch of water immediately after application. The use of silicone surfactants in tank mixtures with Delta 4.75% SC may enhance the control of some insects.
	Annual bluegrass weevil (adult), billbugs (adult), black turfgrass ataenius (adult), chinch bugs, mites*, mole crickets.	0.6 to 0.9 fl. oz./sq. ft. or 26 to 39 fl. oz./Acre or 0.08 to 0.13 lb. ai/A	

*Suppression Only

LANDSCAPE ORNAMENTAL TREATMENTS

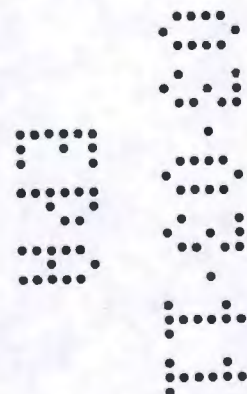
Use Delta 4.75% SC to control the listed insects when applied as directed in the Application Rates for Ornamentals table below. Mix the Delta 4.75% SC with the required amount of water and apply as a finished spray to upper and lower leaf surfaces to ensure thorough coverage, but not to the point of run-off. Make sure to apply sufficient product to wet the leaves, trunk and branches of ornamentals.

Restrictions: Similar formulations have been tested on many species of ornamental plants with good results, but if local use information in this product is not available, it is recommended to pre-spray a few plants to check for compatibility.

Application Rates for Ornamentals:			
Sites	Pests	Rates	Remarks
Landscape ornamentals including trees, shrubs, evergreens and foliage plants	Adelgids, ants, aphids, azalea lace bugs, bagworms, boxelder bugs, cankerworms, cardamom thrips, cockroaches, crickets, elm leaf beetles, elm spanworms, European pine sawflies, fall webworms, flea beetles, flies, fungus gnats, grasshoppers, greenstriped mapleworm, Gypsy moth (larvae), imported willow leaf beetles, Japanese beetles (adults)*, June beetles (adults), lace bugs, leaf-feeding caterpillars, leafhoppers, leaf rollers, loopers, leaf skeletonizers, mealybugs, midges, mimosa webworms, mites**, orangestriped oakworms, pillbugs, pine shoot beetles, pine tip moths, pinyon spindlegall midges, plant bugs, redhumped caterpillar, red imported fire ants, sawfly larvae, sowbugs, spiders, springtails, spanworms, scale insects (crawlers), tent caterpillars, ticks, webworms, yellownecked caterpillar	4 to 8 oz./100 gallons of water	Apply at first sign of pest presence. Mix Delta 4.74% SC with the required amount of water and apply as a finished spray to ensure thorough coverage of all plant surfaces, but not to the point of run-off..

*Will provide anti-feedant properties on treated ornamentals against Japanese beetles.

**Suppression only.



STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Mix as needed. Store in original container in a secured dry storage area. Avoid extremes in temperatures. Prevent cross-contamination with other pesticides and fertilizers. If the container is leaking and/or material is spilled, on floor or paved surfaces, absorb on sawdust or other commercially available absorbing material, sweep up and remove to chemical waste area for your disposal. Concentrate is stable at normal storage temperatures.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Refillable containers: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from the container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond Control Solutions, Inc.'s control, it is impossible for Control Solutions, Inc. to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, CONTROL SOLUTIONS, INC. MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE. THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT CONTROL SOLUTIONS, INC.'S ELECTION, THE REPLACEMENT OF PRODUCT.

Optional Marketing Language:

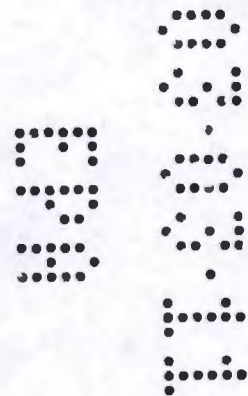
D-FENSE™ SC is a concentrated suspension of pure micro-crystals of the active ingredient Deltamethrin.

Utilized for crack and crevice and spot applications in homes, hotels and schools, D-FENSE™ SC is a valuable tool in your integrated pest management arsenal for many types of structural pest control.

Broad use sites include Residential, Commercial, Residential Turf and Landscape and Ornamental Plants. D-FENSE™ SC can even be applied to mattresses for control of bedbugs and lice, and is safe for use on paints, plastics, fabrics and other surfaces.

Mix D-FENSE™ SC with water and apply indoors as a crack and crevice, spot or general surface treatment with hand pressurized, backpack sprayers or power operated sprayers or other suitable equipment for indoor & outdoor pest control.

- Low odor
- Controls ants, bedbugs, cockroaches, fleas, flies, silverfish, spiders and many other listed pests
- Mattress and broadcast application for bedbugs and lice



March 30, 2011

Document Processing Desk (Final Labeling)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202-4501

Attn: Mark Suarez
Product Manager (13)

RE: Final labeling for:
Delta 4.75% SC, EPA Reg. No. 53883-276

Dear Sir or Madam:

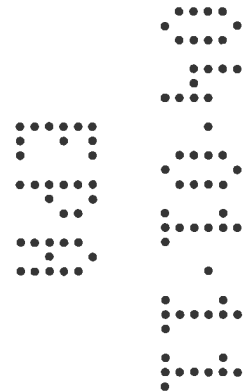
Enclosed please find 2 copies of final labeling as instructed per your Notice of Registration dated 9-30-10.

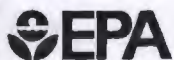
Should you have any questions or need additional information for this submission, please do not hesitate to contact us at the address or phone/fax numbers listed below.

Sincerely,



Amy Warren
Regulatory Affairs Specialist II





United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 53883 - 276	2. EPA Product Manager Mark Suarez	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Delta 4.75% SC	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507-1041 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated <u>9-30-10</u>
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Submission of Final Labeling

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	
* Certification must be submitted				<input checked="" type="checkbox"/> Plastic	
If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container	<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container pint-250 gallon tote		5. Location of Label Directions <input checked="" type="checkbox"/> on label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued Stenciled		<input type="checkbox"/> Other			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Amy Warren		Title Regulatory Affairs Specialist II	
		Telephone No. (Include Area Code) 800-242-5562	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 		3. Title Regulatory Affairs Specialist II	
4. Typed Name Amy Warren		5. Date 3-30-11	

D-FENSE™ SC

INSECTICIDE

For insect control on commercial and residential turf and landscape ornamental plants. For crack and crevice and spot applications in homes, hotels, and schools. Controls ants, bedbugs, cockroaches, fleas, flies, silverfish, spiders and many other listed pests. Safe for use on paints, plastics, fabrics and other surfaces.

Active Ingredient:

*Deltamethrin 4.75%

Other Ingredients 95.25%

Total 100.00%

*Contains 0.42 lb of deltamethrin per gallon

EPA Reg. No. 53883-276

EPA Est. No. 53883-TX-002

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUCION AL USUARIO: Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.) *See inside booklet for additional First Aid, Precautionary Statements, Storage and Disposal instructions and Directions for Use.*

**NET CONTENTS:
16 FL. OZ. (1 PT.)**



0 72693 02475 5

**CONTROL
SOLUTIONS**
incorporated

**5903 Genoa-Red Bluff
Pasadena, TX 77507-1041**

D-FENSE™ SC

INSECTICIDE

For insect control on commercial and residential turf and landscape ornamental plants. For crack and crevice and spot applications in homes, hotels, and schools. Controls ants, bedbugs, cockroaches, fleas, flies, silverfish, spiders and many other listed pests. Safe for use on paints, plastics, fabrics and other surfaces.

Active Ingredient:

*Deltamethrin 4.75%

Other Ingredients 95.25%

Total 100.00%

*Contains 0.42 lb of deltamethrin per gallon

EPA Reg. No. 53883-276

EPA Est. No. 53883-TX-002

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUCION AL USARIO: Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.) *See inside booklet for additional First Aid, Precautionary Statements, Storage and Disposal instructions and Directions for Use.*

CS
CONTROL
SOLUTIONS
incorporated

5903 Genoa-Red Bluff
Pasadena, TX 77507-1041



0 72693 02478 6

NET CONTENTS:
1 Gallon (3.79 L)

D-FENSE™ SC

INSECTICIDE

For Use in Residential, Industrial and Institutional Areas

- Provides control of listed insect/pests in and around the home
- For insect control on commercial and residential turf and landscape ornamental plants
- For crack and crevice and spot applications in homes, hotels, and schools
- Controls ants, bedbugs, cockroaches, fleas, flies, silverfish, spiders and many other listed pests
- Mattress application for bedbugs and lice
- Broadcast spray for lawns and turfgrass to control fleas, ticks and other listed insects
- Concentrated suspension of pure micro-crystals
- Long lasting residual
- Safe for use on paints, plastics, fabrics and other surfaces

ACTIVE INGREDIENT:

*Deltamethrin	4.75%
OTHER INGREDIENTS	95.25%
TOTAL	100.00%

*Contains 0.42 lb deltamethrin per gallon.

Reg. No.: 53883-276

EPA Est. No. : 53883-TX-002

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUCION AL USARIO: Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See inside booklet for additional First Aid, Precautionary Statements, Storage and Disposal instructions and Directions for Use.

Control Solutions, Inc.

5903 Genoa-Red Bluff • Pasadena, TX 77507



PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION

Harmful if inhaled. Avoid breathing vapor or spray mist. Contact with product may result in transient tingling and reddening of the skin. Remove contaminated clothing and wash before reuse.

FIRST AID	
If Inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact SafetyCall® (866) 897-8050 for emergency medical treatment information.	

Environmental Hazards

This product is extremely toxic to fresh water and estuarine fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.



This pesticide is highly toxic to bees exposed to direct treatment. Do not apply or allow it to drift to crops or weeds on which bees are actively foraging.

Physical and Chemical Hazards

Do not use water-based sprays of D-FENSE SC in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

RESTRICTIONS:

1. DO NOT apply D-FENSE SC through any type of irrigation system.
2. DO NOT water the treated area to the point of runoff.
3. DO NOT make applications during rain.
4. DO NOT apply this product to edible crops.
5. DO NOT apply this product in hospital patient rooms while occupied or in any rooms occupied by the elderly or infirm.
6. DO NOT apply in classrooms when in use.
7. DO NOT apply this product in the immediate area when occupants are present (including people and animals).
8. Do not apply this product more than once every 21 days.

All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

- a. Treatment to soil or vegetation around structures;
- b. Applications to lawns, turf, and other vegetation;
- c. Applications to building foundations, up to a maximum height of 3 feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow this product to enter any drain during or after application.

PRODUCT INFORMATION

D-FENSE SC is a suspension concentrate insecticide for use both indoors and outdoors for effective knock-down and long residual control of listed pests.

Mixing Instructions

Mix D-FENSE SC with water and apply using a hand pressurized or power operated sprayer, such as Actisol® or similar equipment. For outdoor broadcast application, apply as a coarse spray or with conventional hydraulic boom-type sprayer or other suitable equipment. Shake container well before using.

Dilution Instructions:

- add half the water to the spray tank;
- add D-FENSE SC as specified in the appropriate application rates table;
- agitate well;
- add the remaining water slowly to avoid excess foam;

- thoroughly agitate the sprayer before using to ensure proper suspension.

Note: If spraying is stopped when using a back-pack or hand-held spray equipment, reinvert sprayer before use. If spray screens are used, they should be 50 mesh or larger. Dilute D-FENSE SC only with water. Only prepare the spray solution when ready to make applications.

Tank Mixing: D-FENSE SC may be tank-mixed with other currently registered pesticides unless prohibited by the product label. To check for product compatibility, a small volume mixing test with other products is recommended. Follow all restrictions and precautions specified on the labels of these tank-mix products.

PEST CONTROL INDOORS

D-FENSE SC may be applied to non/food/nonfeed areas in and around residential and non-residential buildings and structures, including residential kitchens, and nonfood/non-feed areas of food/feed handling establishments.

Mix D-FENSE SC with water and apply indoors as a crack and crevice, spot or general surface treatment with hand pressurized or power operated sprayers or other suitable equipment.

For residential buildings and structures - apply only as a crack and crevice or spot treatment.

Approved use sites include the non-food/non-feed areas of:

Aircraft (cargo only)	Industrial buildings
Apartment buildings	Installations
Bakeries	Kitchens
Bottling facilities	Laboratories
Breweries	Mausoleums
Buses	Meat, poultry & egg processing & packaging plants
Cafeterias	Mobile & motor homes
Candy plants	Nursing homes
Canneries	Offices
Dairy product processing plants	Railcars
Food manufacturing plants	Restaurants
Food processing plants	Schools
Food service establishments	Ships & vessels
Granaries & grain mills	Trailers
Hospitals	Trucks
Hotels	Warehouses
Houses	Wineries

Crack and Crevice: Apply D-FENSE SC spray mixture to cracks and crevices in and around baseboards, floors, walls, appliances, areas around water and sewer pipes, and other voids with a low pressure system using a pinpoint or variable pattern nozzle.

Spot Treatment: Apply D-FENSE SC as a spot treatment in and around cupboards, and between, beneath and behind equipment or appliances using a low pressure system with fan-type nozzle.

To control Carpet Beetles, Fleas and Ticks indoors: Apply as a coarse, low pressure crack and crevice spot treatment to problem areas and infested habitats.

Restrictions:

- Do not treat entire area of floor, carpet or floor coverings.
- Do not apply as a space spray.
- Do not make applications to areas where prolonged contact by humans can occur.
- Limit spot treatment to pet beds and infested floor coverings.
- Do not apply to areas where food or feed can come into contact with treated surfaces.

∞

Application Rates			
Pests	Concentration of Active Ingredient ¹	Dilution Rate ²	Use Instructions
Ants, Carpet Beetles, Firebrats, Fleas, Gnats, Midges, Centipedes, Millipedes, Pantry Pests, Silverfish, Ticks (indoors)	0.01% - 0.03%w/w	0.25-0.75 fl. oz./gal 12.5-37.5 fl. oz./50 gals 25-75 fl. oz./100 gals	Apply at 21-day intervals. Remove pets and cover aquariums and terrariums before spraying. Do not apply to classrooms when in use. Do not use in aircraft cabins. Treat areas that insects inhabit or where they are normally found.

(continued)

Application Rates (Continued)			
Pests	Concentration of Active Ingredient¹	Dilution Rate²	Use Instructions
Bees, Bedbugs, Boxelder Bugs, Fleas (outdoors), Ticks (outdoors), Cecid Flies, Cockroaches, Crickets, Flies (including such flies as Stable, House, Cluster and Horse-flies), Elm Leaf Beetles, Ground Beetles, Moths, Midges, Hornets, Killer Bees, Lice, Mosquitoes,	0.03% - 0.06%w/w	0.75-1.5 fl.oz./gal 37.5-75 fl. oz./50 gals 75-150 fl. oz./100 gals	Use 0.25 to 1.5 fluid ounces of D-FENSE SC in sufficient amount of water and apply to adequately cover 1000 square feet. Do not allow dripping or run-off to occur. Under conditions of severe pest infestation, when quick knockdown and/or longer residual control

(continued)

Application Rates (Continued)			
Pests	Concentration of Active Ingredient¹	Dilution Rate²	Use Instructions
Multicolored Asian Lady Beetle, Pillbugs, Scorpions, Sowbugs, Spiders, Yellowjackets, Wasps	0.03% - 0.06%w/w	.75-1.5 fl.oz./gal 37.5-75 fl. oz./50 gals 75-150 fl. oz./100 gals	is desired, use 1.5 ounces of 0.06% D-FENSE SC per 1,000 sq. ft.
Termites (Formosan & Eastern subterranean - localized control only)	0.06% w/w	1.5 fl. oz./ gal 75 fl. oz./50 gals 150 fl. oz./100 gals	

(continued)

Application Rates (Continued)			
Pests	Concentration of Active Ingredient¹	Dilution Rate²	Use Instructions
Carpenter Ants	0.03% w/w	0.75 fl. oz./gal 37.5 fl. oz./50 gals 75 fl. oz./100 gals	
<p>⇒ ¹ The specified rate for maintenance treatments is 0.01% and for cleanout treatments is 0.03%. For control of severe infestations and longer residual control use the 0.06% rate. More frequent applications may be needed on concrete surfaces.</p> <p>² 0.25 fl. oz.= 7.5 milliliters 0.75 fl. oz.= 22.7 milliliters 1.5 fl. oz.= 45.4 milliliters</p>			

Premise Pest Control

To control Cockroaches, Ants, Crickets, Silverfish, Firebrats, Centipedes, Millipedes, Cloth Moths, Earwigs, Pillbugs, Sowbugs, Scorpions and Spiders.

Use Instructions: Apply as a coarse, low pressure spot or crack and crevice spray to areas that these pests are found especially dark corners of rooms and closets; floor drains; cracks and crevices in walls; along and behind baseboards; beneath and behind sinks, stoves, refrigerators, and cabinets; around plumbing and other utility installations; doors, windows and in attics and crawl spaces. Make applications to floor surfaces along baseboards and around air ducts. Allow surfaces to dry before children or pets come into contact.

Pantry Pest Control

To kill adult and manageable stages of insect pests such as Lesser Grain Borers, Grain Weevils, Flour Beetles, Saw-toothed Grain Beetles, Cigarette Beetles, Merchant Grain Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Grain Mites and Spider Mites.

Application Instructions: Apply to cupboards, shelving and storage areas. Before spraying, remove all foodstuffs, utensils, shelf paper and other objects. Allow treated surfaces to dry and cover shelves with clean paper prior to replacing foodstuffs, utensils or other items. Discard any foodstuff contaminated with any spray solution.

Crawling and Flying Insect Pests

D-FENSE SC controls crawling and flying insects such as Flies, Gnats, Midges, Mosquitoes, Cockroaches, Ants and Silverfish.

Application Instructions: Use as a residual surface treatment to walls, ceilings, window screens and other resting areas inside residential buildings, as well as in and around carports, garages, storage sheds, unoccupied horse stables and pet kennels.

Ants (including Pharaoh Ants): D-FENSE SC may be applied to areas including where ants enter premises or live, and to trails, around doors and windows.

Bedbugs and Lice: Remove bed linens and wash before reuse. Apply D-FENSE SC to mattresses taking care to treat tufts, folds and edges until moist. Make application to the interior of the bed frame. Before remaking the bed, make sure the mattress is dry.

Carpet Beetles, Fleas and Ticks: Use of an IPM (integrated pest management) program should be followed. Before starting to treat, vacuum carpets, upholstered furniture, baseboards and other indoor areas where pets spend time. After vacuuming, discard the vacuum cleaner bag outside in a garbage can. Clean or replace pet bedding.

Application Instructions: Apply D-FENSE SC as a uniform coarse low-pressure spot or crack and crevice treatment to areas where pests are found. Limit spot treatments to pet bedding and its surrounding area, infested floor coverings and pest habitats.

Restrictions:

- Do not treat entire area of floor, carpet or floor coverings.
- Use a dust such as D-FENSE DUST in areas around electrical equipment.
- Do not apply as a space spray.

- Restrict applications to furniture where no prolonged contact by humans will occur.
- Do not allow people or pets to contact treated areas until spray has dried.

D-FENSE SC can be used with an Insect Growth Regulator (IGR). For effective control of fleas, treatment directly to the pet with an EPA registered product for such use, as well as treating outside areas pets frequent may be required. D-FENSE SC can also be applied outdoors for flea control. DO NOT treat pets with this product.

Pet Kennels: D-FENSE SC may be applied to control crawling and flying insects in and around pet kennels. Make application as a general surface and/or crack and crevice spray. For best results, at the same time, clean the facility to be treated and use D-FENSE SC to treat the exterior perimeter.

Restrictions:

- Apply only to areas of facility where animals are not present.
- Allow spray to dry before allowing re-entry of animals into treated areas.
- Do not apply to animal feed or watering equipment.

FOOD/FEED HANDLING ESTABLISHMENTS

Applications are permitted in non-food/non-feed areas of food/feed handling and processing establishments as a general surface, spot or crack and crevice treatment to control labeled pests.

Non-Food/Non-Feed Areas: Areas include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (after packaging, canning

or bottling). Treat any area that insects are observed in or where insects may enter.

General Surface Applications: Before application cover or remove all food/feed processing and/or handling equipment. After application, wash all equipment, benches, shelving and other surfaces that food/feed will contact in food/feed processing plants, cafeterias and similar facilities. Clean food/feed handling or processing equipment and rinse well with clean, fresh water. After application in bakeries, clean all food contact surfaces thoroughly with appropriate equipment.

Restrictions:

- Do not use this application method in the food/feed handling areas of the facility when the facility is in operation or foods/feeds are exposed.
- Do not apply directly to food/feed products.

Spot or Crack & Crevice Applications: Spot or crack and crevice applications may be made while the facility is in operation provided exposed food is covered or removed from area being treated prior to application.

Restrictions:

- Application is prohibited in Federally inspected meat and poultry plants while such facility is in operation.
- Do not apply directly to food or food-handling surfaces.
- In the home, do not allow spray to contact food/feed surfaces. If it does, clean surfaces with soap and water.

GRAIN BINS AND WAREHOUSES

Dilute 0.25-1.5 fl. oz. of D-FENSE SC with water to make 1 gallon of solution. Use D-FENSE SC as a perimeter treatment to prevent infestation of these structures. Apply to areas where pests are seen or may find entrance. Treat a band of soil or lawn up to 6-10 feet wide around and adjacent to structures and treat the foundation to a height of 2 to 3 feet. Apply as a coarse spray at a rate of 1 gallon per 1000 sq. ft. Thoroughly and uniformly wet the barrier area but do not allow run-off to occur.

PEST CONTROL OUTDOORS

Apply D-FENSE SC as a perimeter treatment, residual spray or broadcast application to lawns, grounds and ornamental plantings.

Apply as a perimeter treatment or residual spray around residential and non-residential settings. Treatments should begin at the first sighting of pests.

Residual Spray: Apply D-FENSE SC as a coarse low-pressure spray at the rate of 0.75 to 1.5 fl.oz. to surfaces of buildings, porches, screens, window frames, eaves, patios, refuse dumps, garages and lawns.

Perimeter Treatments: For best results, apply D-FENSE SC to areas where pests are seen and may find entrance. Treat a band of soil or lawn up to 6 -10 feet wide around and adjacent to buildings and treat the building foundation to a height of 2 to 3 feet. Apply as a coarse spray at the rate of 0.25 to 1.5 fl. oz. of D-FENSE SC in sufficient amount of water. (See Mixing Directions for Perimeter Application below). Use an adequate volume to thoroughly and uniformly wet the barrier area but do not allow run-off to occur.

MIXING DIRECTIONS FOR D-FENSE SC -OUTDOOR PERIMETER APPLICATION								
I. D-FENSE SC DILUTION (0.25 oz. /1000 sq. ft.) - (Based on one home being 1,000 sq. ft.)								
Tank Size	15 Gallon		25 Gallon		50 Gallon		100 Gallon	
Finished Spray: Gallons Per 1000 sq. ft	D-FENSE SC Per Tank (fl. oz.)	Homes Per Tank*	D-FENSE SC Per Tank (fl. oz.)	Homes Per Tank*	D-FENSE SC Per Tank (fl. oz.)	Homes Per Tank*	D-FENSE SC Per Tank (fl. oz.)	Homes Per Tank*
1	3.75	15	6.25	25	12.50	50	25.00	100
3	1.25	5	2.08	8	4.17	16	8.33	33
5	0.75	3	1.25	5	2.50	10	5.00	20
10	0.37	1.5	0.63	2.5	1.25	5	2.50	10
*Based on D-FENSE SC applied at 0.25 ounces per 1,000 square feet treated per home or structure.								

(continued)

MIXING DIRECTIONS FOR D-FENSE SC -OUTDOOR PERIMETER APPLICATION (continued)								
II. D-FENSE SC DILUTION (1.00 oz. /1000 sq. ft.)								
Tank Size	15 Gallon		25 Gallon		50 Gallon		100 Gallon	
Finished Spray: Gallons Per 1000 sq. ft	D-FENSE SC Per Tank (fl. oz.)	Homes Per Tank*	D-FENSE SC Per Tank (fl. oz.)	Homes Per Tank*	D-FENSE SC Per Tank (fl. oz.)	Homes Per Tank*	D-FENSE SC Per Tank (fl. oz.)	Homes Per Tank*
1	15.0	15	25.0	25	50	50	100.0	100
3	5.0	5	8.4	8.3	16.7	16.7	33.3	33.3
5	3.0	3	5.0	5	10.0	10	20.0	20
10	1.5	1.5	2.5	2.5	5.0	5	10.0	10
*Based on D-FENSE SC applied at 1.00 ounce per 1,000 square feet treated per home or structure.								

Fleas and Ticks: To control fleas and ticks, make application of D-FENSE SC as a coarse wet spray. Treat dog houses, kennels, run areas, cracks and crevices in sidewalks, patios, areas under plants, shrubs, bushes, trees, or other moist, shaded areas where pests are known to rest.

Fire Ants: Dilute 1.5 oz. per one gallon of water and apply D-FENSE SC as a drench treatment. Gently sprinkle 1 to 2 gallons of the diluted insecticide over the surface of each mound and surrounding area to a 2-foot diameter. Best results are obtained when applied in cool weather, 65 to 80°F or in early morning or late evening hours. Treat new mounds as they appear. Pressurized sprays may disturb the ants and cause migration, reducing product effectiveness.

Wood-Infesting Insects: For control of **wood-infesting beetles** on surfaces in homes and other structures, apply a 0.06% suspension of D-FENSE SC. Brush or spray the suspension evenly on wood surfaces to treat small areas. Use a coarse spray to treat large or overhead areas of homes, apartment buildings, etc., and thoroughly cover the area. Before spraying, cover all surfaces below the treatment area with plastic sheeting or other material. After spraying, dispose of the plastic sheeting or other material in the trash. Allow surfaces in the treated area to dry completely before coming into contact.

Restrictions: Do not apply D-FENSE SC until the location of heating or air conditioning ducts, vents, water and sewer lines and electrical conduits are identified. Once known, applications may be made around these structures, however, be careful to avoid contamination of these structures and airways.

Foam Application: To treat structural voids for the control of insect and arthropod pests in walls, under slabs or in other void areas, convert D-FENSE SC to a foam by mixing the end-use dilution of D-FENSE SC with the manufacturer's recommended volume of foaming agent. Use the rate as recommended for a suspension treatment converted to a foam to get the correct foam expansion ratios. Before treatment check to make sure that the foaming agent is compatible with D-FENSE SC.

For control of **above-ground termites and wood-infesting beetles** in localized areas, apply a 0.06% suspension or sufficient volume of foam of D-FENSE SC to voids and galleries in damaged wood and in spaces between wooden structural members and between the sill plate and foundation where wood is vulnerable. Applications may be made to inaccessible areas by drilling and then injecting the suspension or foam with a suitable directional injector into the damaged wood or wall voids. All treatment holes drilled in construction elements in commonly occupied areas of structures must be securely plugged.

To control **termite carton nests** in building voids and trees, inject a 0.06% suspension or foam using a pointed injection tool. Multiple injection points to varying depths may be necessary. For best results, remove carton nest material from building voids and trees when nests are found. Termite carton nests in trees may be injected with 0.06% suspension or foam using a pointed injection tool.

To control **exposed worker and winged reproductive forms of termites**, applications to attics, crawl spaces, unfinished basements, or man-made voids may be made with a coarse fan spray of 0.06% suspension.

For control of **swarming or reproductive stages of termites**, apply a 0.06% suspension to the swarm or area on which they collect. D-FENSE SC will kill **workers or winged reproductive forms** present at the time of treatment. These applications are supplemental only, and do not take the place of mechanical alteration, soil treatment or foundation treatment.

For control of **above-ground termites and carpenter ants** inside trees, utility poles, fencing and decking materials and similar structures, locate the infested area by drilling then inject 0.06% suspension or foam using an appropriate treatment tool with a splashback guard.

For protection of firewood from **carpenter ants and termites**, before stacking firewood, treat the soil underneath with a 0.06% suspension at 1 gallon per 8 square feet to prevent infestation. DO NOT treat firewood with this product.

For control of **carpenter ants** in houses and other structures, use a 0.06% suspension and apply as a general surface, spot, crack and crevice or wall void application using coarse spray or foam to thoroughly cover the treatment area. Make application around doors and windows and any other areas where carpenter ants may gain entrance. Apply as a spray or foam into cracks and crevices, and drill small holes into voids where ants or nests may be present. Do not apply more than 1 gallon of dilute suspension per 1000 square feet of treated surface.

For control of **tunneling carpenter ants** in soil, apply a 0.06% suspension as a drench or inject the suspension or foam at 8 to 12 inch intervals. Create a uniform vertical barrier at the edge of walls, driveways or other hard surfaces where ants are tunneling beneath the surfaces.

For control of **carpenter bees** in structures, apply a 0.06% suspension or sufficient volume of foam directly into gallery entrance holes. Leave the entrance holes open for 24 hours to make sure that returning adult bees are killed. If no activity is visible, use an appropriate sealant to seal the hole.

TURFGRASS APPLICATIONS

D-FENSE SC controls listed insects on turfgrasses and ornamental plants in outdoor areas such as athletic fields, recreational areas, residential landscapes, parks, and public and commercial sites. Make application when insects first appear ensuring uniform coverage.

Apply as a broadcast application using a minimum of 2 gallons of water per 1000 sq. ft. with a hydraulic boom-type sprayer or other suitable equipment for turfgrass pests. Follow the specified rates listed in the Application Rates for Turfgrass Sites table. Use higher volumes (4 to 10 gallons of water per 1000 sq. ft.) for areas of dense turfgrass and/or where turfgrass is mowed at greater heights. Control is achieved when the insecticide contacts the target pest. For best results on surface-feeding insects, do not irrigate or mow within 24 hours after application. For subsurface-feeding insects, apply 0.25 to 0.5 inch of water immediately after application. Do not allow people or pets into the treatment area until turfgrass has dried.

Tank Mixing: D-FENSE SC may be tank-mixed with other pest control or fertilizer products. Observe all restrictions, precautions and limitations appearing on the tank-mix partner label. To check for compatibility with D-FENSE SC, mix a small test sample of the products in the correct proportions with water in a quart jar. The use of silicone surfactants in tank mixtures with D-FENSE SC may enhance the control of some insects.

RESTRICTIONS: In New York State, product may not be applied to turf within 100 feet of a coastal marsh or stream that drains directly into a coastal marsh. For control of turf insects in New York, a second application may be made after two weeks if target insect activity persists.

Application Rates For Turfgrass Sites			
Sites	Pests	Rates	Use Instructions
Athletic fields, recreational areas, lawns & grounds, residential areas, parks, public and commercial sites	Ants, Armyworms, Centipedes, Chiggers, Cockroaches, Crickets, Cutworms, Fleas (adult), Grasshoppers, Ground Beetles, Japanese Beetles (adults), Leafhoppers, Mealybugs, Pillbugs, Scorpions, Sod Webworms, Sowbugs, Springtails, Spiders, Ticks	0.4 to 0.6 fl. oz./ 1000 sq. ft or 17.5 to 26 fl. oz./Acre or 0.06 to 0.08 lb. ai/A	Apply at first sign of pest presence. Apply as a broadcast spray in a minimum of 2 gallons of water per 1000 sq. ft. For best control of surface feeders such as cutworms and webworms, do not water or mow for 24 hours after application. For subsurface feeders, such as mole crickets, apply 0.25 to 0.5 inch of water immediately after application. The use of silicone surfactants in tank mixtures with D-FENSE SC may enhance the control of some insects.
	Annual Bluegrass Weevil (adult), Billbugs (adult), Black Turfgrass Ataenius (adult), Chinch Bugs, Mites*, Mole Crickets.	0.6 to 0.9 fl. oz./sq. ft. or 26 to 39 fl. oz./Acre or 0.08 to 0.13 lb. ai/A	

*Suppression Only

LANDSCAPE ORNAMENTAL TREATMENTS

Use D-FENSE SC to control the listed insects when applied as directed in the Application Rates for Ornamentals table below. Mix the D-FENSE SC with the required amount of water and apply as a finished spray to upper and lower leaf surfaces to ensure thorough coverage, but not to the point of run-off. Make sure to apply sufficient product to wet the leaves, trunk and branches of ornamentals.

Restrictions: Similar formulations have been tested on many species of ornamental plants with good results, but if local use information in this product is not available, it is recommended to pre-spray a few plants to check for compatibility.

Application Rates for Ornamentals:			
Sites	Pests	Rates	Remarks
Landscape ornamentals including trees, shrubs, evergreens and foliage plants	Adelgids, Ants, Aphids, Azalea Lace Bugs, Bagworms, Boxelder Bugs, Cankerworms, Cardamom Thrips, Cockroaches, Crickets, Elm Leaf Beetles, Elm Spanworms, European Pine Sawflies, Fall Webworms, Flea Beetles, Flies, Fungus Gnats, Grasshoppers, Greenstriped Mapleworm, Gypsy Moth (larvae), Imported Willow Leaf Beetles, Japanese Beetles (adults)*, June Beetles (adults), Lace Bugs, Leaf-Feeding Caterpillars, Leafhoppers, Leaf Rollers, Loopers, Leaf Skeletonizers, Mealybugs, Midges, Mimosa Webworms, Mites**, Orangestriped Oakworms, Pillbugs, Pine Shoot Beetles, Pine Tip Moths, Pinyon Spindlegall Midges, Plant Bugs, Redhumped Caterpillar, Red Imported Fire Ants, Sawfly Larvae, Sowbugs, Spiders, Springtails, Spanworms, Scale Insects (crawlers), Tent Caterpillars, Ticks, Webworms, Yellownecked Caterpillar	4 to 8 oz./100 gallons of water	Apply at first sign of pest presence. Mix D-FENSE SC with the required amount of water and apply as a finished spray to ensure thorough coverage of all plant surfaces, but not to the point of run-off.

*Will provide anti-feedant properties on treated ornamentals against Japanese beetles.

**Suppression only.

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Mix as needed. Store in original container in a secured dry storage area. Avoid extremes in temperatures. Prevent cross-contamination with other pesticides and fertilizers. If the container is leaking and/or material is spilled, on floor or paved surfaces, absorb on sawdust or other commercially available absorbing material, sweep up and remove to chemical waste area for your disposal. Concentrate is stable at normal storage temperatures.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

(continued)

STORAGE & DISPOSAL *(continued)*

Refillable containers: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from the container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond Control Solutions, Inc.'s control, it is

impossible for Control Solutions, Inc. to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, CONTROL SOLUTIONS, INC. MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT CONTROL SOLUTIONS, INC.'S ELECTION, THE REPLACEMENT OF PRODUCT.

D-FENSE™ SC

INSECTICIDE

For Use in Residential, Industrial and Institutional Areas

- Provides control of listed insect/pests in and around the home
- For insect control on commercial and residential turf and landscape ornamental plants
- For crack and crevice and spot applications in homes, hotels, and schools
- Controls ants, bedbugs, cockroaches, fleas, flies, silverfish, spiders and many other listed pests
- Mattress application for bedbugs and lice
- Broadcast spray for lawns and turfgrass to control fleas, ticks and other listed insects
- Concentrated suspension of pure micro-crystals
- Long lasting residual
- Safe for use on paints, plastics, fabrics and other surfaces

ACTIVE INGREDIENT:

*Deltamethrin 4.75%

OTHER INGREDIENTS..... 95.25%

TOTAL..... 100.00%

*Contains 0.42 lb deltamethrin per gallon.

Reg. No.: 53883-276

EPA Est. No. : 53883-TX-002

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUCION AL USARIO: Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See inside booklet for additional First Aid, Precautionary Statements, Storage and Disposal instructions and Directions for Use.

Control Solutions, Inc.

5903 Genoa-Red Bluf • Pasadena, TX 77507

0311

Material to be added to an e-Jacket or Jacket

Reg. No. 53883-276

Description: New Registration ; label

1. ☒ Placement within the e-Jacket/Jacket
 - ☒ Default: (chronological, top = newest)
 - ☐ File Location: (PDF page number)
2. ☒ Send to Data Extraction contractors this material:
 - ☒ Newly stamped accepted label
 - ☐ Notification
 - ☒ New CSF
 - ☐ Other: _____

Attach this coversheet to the top of the material or jacket. It must be well-organized and clipped together – NOT STAPLED. Then give the material with this coversheet to staff in the Information Services Center (Room S-4900).

Reviewer's Name: Rosanna Louie

Phone: 308.0037 Division: RD

Date: 6 October 2010



**U.S. ENVIRONMENTAL PROTECTION
AGENCY**

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Registration No.

53883-276

Date of Issuance:

SEP 30 2010

NOTICE OF PESTICIDE:

- ☒ Registration
☐ Reregistration

(under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

Term of Issuance:

Conditional Registration

Name of Pesticide Product:

Delta 4.75% SC

Name and Address of Registrant:

**Control Solutions, Inc.
c/o Ms. Jane Miller, Biologic, Inc.
115 Obtuse Hill
Brookfield, CT 06804**

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(a) provided that:

1. Submit and/or cite all data required for registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data, and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Submit to the Agency, data on one year storage stability testing (GL 830.6317), conducted concurrently with the corrosion characteristics study (GL 830.6320) at 0, 3, 6, 9, and 12 month intervals of warehouse storage.
3. This product is not approved for food/feed uses; therefore, delete all references for applications to food/feed areas:
 - a. On page 3 under Pest Control Indoors, change the first sentence to read as follows:

“Delta 4.75% SC may be applied to nonfood/nonfeed areas in and around residential and non-residential buildings and structures, including residential kitchens, and nonfood/nonfeed areas of food/feed handling establishments.”
 - b. On the bottom of page 3 in the last statement “Approved use sites include...,” delete “food/feed and” from the sentence.

4. On page 4 under the Restrictions, add "Do not apply to areas where food or feed can come into contact with treated surfaces."
5. On page 5 below the rates table, delete "Structural" from "Structural (Premise) Pest Control."
6. On page 6 and 7, delete references to "food/feed" sites from the first sentence, as well as the next statement, in its entirety, defining "food/feed handling establishments."
7. On page 7 under Grain Bins and Warehouses, revise the paragraph to reflect applications only nonfood/nonfeed areas, and reorganized for clarity, to read as follows:

"GRAIN BINS AND WAREHOUSES

Dilute 0.25-1.5 fl. oz. of Delta 4.75% SC with water to make 1 gallon of solution. Use Delta 4.75% SC as a perimeter treatment to prevent infestation of these structures. Apply to areas where pests are seen or may find entrance. Treat a band of soil or lawn up to 6-10 feet wide around and adjacent to structures and treat the foundation to a height of 2 to 3 feet. Apply as a coarse spray at a rate of 1 gallon per 1000 sq. ft. Thoroughly and uniformly wet the barrier area but do not allow run-off to occur."

8. Revise the EPA Registration Number to read: "EPA Registration No. 53883-276" on page 1 of the label.

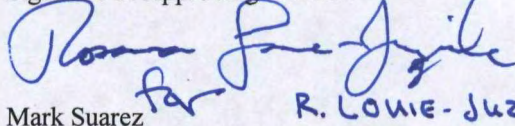
Two copies of the finished labeling must be submitted prior to releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A copy of your label stamped "Accepted with Comments" is enclosed for your records.

If you have any questions concerning this action, please contact Rosanna Louie-Juzwiak at (703) 308-0037.

Enclosure:

- Delta 4.75% SC Label, Stamped *Accepted with Comments*

Signature of Approving Official:


for R. LOUIE-JUZWIAK

Mark Suarez
Product Manager (13)
Registration Division, Insecticide Branch

Date:

30 September 2010

Delta 4.75% SC

INSECTICIDE

For Use in Residential, Industrial and Institutional Use

ACCEPTED
with COMMENTS
In EPA Letter Dated:

SEP 30 2010
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
53883-26

- Provides Control of Listed Insect/Pests in and around the Home
- For Insect Control on Commercial and Residential Turf and Landscape Ornamental Plants
- For crack and crevice and spot applications in homes, hotels, schools and all types of food handling establishments.
- Controls ants, bedbugs, cockroaches, fleas, flies, silverfish, spiders and many other listed pests.
- Mattress application for bedbugs and lice.
- Broadcast spray for lawns and turfgrass to control fleas, ticks and other listed insects.
- Concentrated suspension of pure micro-crystals
- Long lasting residual
- Safe for use on Paints, Plastics, Fabrics and other surfaces

ACTIVE INGREDIENT:

*Deltamethrin4.75%

OTHER INGREDIENTS :95.25%
100.00%

*Contains 0.42 lb deltamethrin per gallon.

Reg. No.: 53883-XXX

EPA Est. No. : XXXXX-XX-XXX

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUCION AL USARIO: Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See [side panel] [inside booklet] for additional First Aid, Precautionary Statements, Storage and Disposal instructions and Directions for Use.

Manufactured By:
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507

NET CONTENTS: 1 Pint or 1 Gallon

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION

Harmful if inhaled. Avoid breathing vapor or spray mist. Contact with product may result in transient tingling and reddening of the skin. Remove contaminated clothing and wash before reuse.

FIRST AID	
If Inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact SafetyCall® (866) 897-8050 for emergency medical treatment information.	

Environmental Hazards

This product is extremely toxic to fresh water and estuarine fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This pesticide is highly toxic to bees exposed to direct treatment. Do not apply or allow it to drift to crops or weeds on which bees are actively foraging.

Physical and Chemical Hazards

Do not use water-based sprays of Delta 4.75% SC in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

RESTRICTIONS:

1. DO NOT apply Delta 4.75% SC through any type of irrigation system.
2. DO NOT water the treated area to the point of run-off.
3. DO NOT make applications during rain.
4. DO NOT apply this product to edible crops.
5. DO NOT apply this product in hospital patient rooms while occupied or in any rooms occupied by the elderly or infirm.
6. DO NOT apply in classrooms when in use.
7. DO NOT apply this product in the immediate area when occupants are present (including people and animals).
8. Do not apply this product more than once every 21 days.

All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

- a. Treatment to soil or vegetation around structures;
- b. Applications to lawns, turf, and other vegetation;
- c. Applications to building foundations, up to a maximum height of 3 feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow this product to enter any drain during or after application.

PRODUCT INFORMATION

Delta 4.75% SC is a suspension concentrate insecticide for use both indoors and outdoors for effective knockdown and long residual control of listed pests.

Mixing Instructions

Mix Delta 4.75% SC with water and apply using a hand pressurized or power operated sprayer, such as Actisol® or similar equipment. For outdoor broadcast application, apply as a coarse spray or with conventional hydraulic boom-type sprayer or other suitable equipment. Shake container well before using.

Dilution Instructions:

- add half the water to the spray tank;
- add Delta 4.75% SC as specified in the appropriate application rates table;
- agitate well;
- add the remaining water slowly to avoid excess foam;
- thoroughly agitate the sprayer before using to ensure proper suspension.

Note: If spraying is stopped when using a back-pack or hand-held spray equipment, reinvert sprayer before use. If spray screens are used, they should be 50 mesh or larger. Dilute Delta 4.75% SC only with water. Only prepare the spray solution when ready to make applications.

Tank Mixing: Delta 4.75% SC may be tank-mixed with other currently registered pesticides unless prohibited by the product label. To check for product compatibility, a small volume mixing test with other products is recommended. Follow all restrictions and precautions specified on the labels of these tank-mix products.

PEST CONTROL INDOORS

Delta 4.75% SC may be applied in and around residential and non-residential buildings and structures including residential kitchens and all types of food/feed handling establishments.

Mix Delta 4.75% SC with water and apply indoors as a crack and crevice, spot or general surface treatment with hand pressurized or power operated sprayers or other suitable equipment.

For residential buildings and structures - apply only as a crack and crevice or spot treatment.

Approved use sites include the food/feed and non-food/non-feed areas of:

Aircraft (cargo only)
 Apartment buildings
 Bakeries
 Bottling facilities
 Breweries
 Buses
 Cafeterias
 Candy plants
 Canneries
 Dairy product processing plants
 Food manufacturing plants
 Food processing plants
 Food service establishments
 Granaries & grain mills
 Hospitals
 Hotels
 Houses

Industrial buildings
 Installations
 Kitchens
 Laboratories
 Mausoleums
 Meat, poultry & egg processing & packaging plants
 Mobile & motor homes
 Nursing homes
 Offices
 Railcars
 Restaurants
 Schools
 Ships & vessels
 Trailers
 Trucks
 Warehouses
 Wineries

Crack and Crevice: Apply Delta 4.75% SC spray mixture to cracks and crevices in and around baseboards, floors, walls, appliances, areas around water and sewer pipes, and other voids with a low pressure system using a pinpoint or variable pattern nozzle.

Spot Treatment: Apply Delta 4.75% SC as a spot treatment in and around cupboards, and between, beneath and behind equipment or appliances using a low pressure system with fan-type nozzle.

To control of carpet beetles, fleas and ticks indoors: Apply as a coarse, low pressure crack and crevice spot treatment to problem areas and infested habitats.

Restrictions:

- Do not treat entire area of floor, carpet or floor coverings.
- Do not apply as a space spray.
- Do not make applications to areas where prolonged contact by humans can occur.
- Limit spot treatment to pet beds and infested floor coverings.

Application Rates			
Pests	Concentration of Active Ingredient ¹	Dilution Rate ²	Use Instructions
ants, carpet beetles, firebrats, fleas, gnats, midges, centipedes, millipedes, pantry pests, silverfish, ticks (indoors)	0.01% - 0.03%w/w	0.25-0.75 fl. oz./gal 12.5-37.5 fl. oz./50 gals 25-75 fl. oz./100 gals	Apply at 21-day intervals. Remove pets and cover aquariums and terrariums before spraying. Do not

Bees, bedbugs, boxelder bugs, fleas (outdoors), ticks (outdoors), cecid flies, cockroaches, crickets, flies (including such flies as stable, house, cluster and horseflies), elm leaf beetles, ground beetles, moths, midges, hornets, killer bees, lice, mosquitoes, Multicolored Asian Lady Beetle, pillbugs, scorpions, sowbugs, spiders, yellowjackets, wasps	0.03% - 0.06%w/w	0.75-1.5 fl. oz./gal 37.5-75 fl. oz./50 gals 75-150 fl. oz./100 gals	apply to classrooms when in use. Do not use in aircraft cabins. Treat areas that insects inhabit or where they are normally found. Use 0.25 to 1.5 fluid ounces of Delta 4.75% SC in sufficient amount of water and apply to adequately cover 1000 square feet. Do not allow dripping or run-off to occur. Under conditions of severe pest infestation, when quick knockdown and/or longer residual control is desired, use 1.5 ounces of 0.06% Delta 4.75% SC per 1,000 sq. ft.
Termites (Formosan & Eastern subterranean - localized control only)	0.06% w/w	1.5 fl. oz./ gal 75 fl. oz./50 gals 150 fl. oz./100 gals	
Carpenter ants	0.03% w/w	0.75 fl. oz./gal 37.5 fl. oz./50 gals 75 fl. oz./100 gals	

¹The specified rate for maintenance treatments is 0.01% and for cleanout treatments is 0.03%. For control of severe infestations and longer residual control use the 0.06% rate. More frequent applications may be needed on concrete surfaces.

² 0.25 fl. oz.= 7.5 milliliters
0.75 fl. oz.= 22.7 milliliters
1.5 fl. oz.= 45.4 milliliters

Structural (Premise) Pest Control

To control Cockroaches, Ants, Crickets, Silverfish, Firebrats, Centipedes, Millipedes, Cloth Moths, Earwigs, Pillbugs, Sowbugs, Scorpions and Spiders

Use Instructions: Apply as a coarse, low pressure spot or crack and crevice spray to areas that these pests are found especially dark corners of rooms and closets; floor drains; cracks and crevices in walls; along and behind baseboards; beneath and behind sinks, stoves, refrigerators, and cabinets; around plumbing and other utility installations; doors, windows and in attics and crawl spaces. Make applications to floor surfaces along baseboards and around air ducts. Allow surfaces to dry before children or pets come into contact.

Pantry Pest Control

To kill adult and manageable stages of insect pests such as Lesser Grain Borers, Grain Weevils, Flour Beetles, Saw-toothed Grain Beetles, Cigarette Beetles, Merchant Grain Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Grain Mites and Spider Mites.

Application Instructions: Apply to cupboards, shelving and storage areas. Before spraying, remove all foodstuffs, utensils, shelf paper and other objects. Allow treated surfaces to dry and cover shelves with clean paper prior to replacing foodstuffs, utensils or other items. Discard any foodstuff contaminated with any spray solution.

Crawling and Flying Insect Pests

Delta 4.75% SC controls crawling and flying insects such as flies, gnats, midges, mosquitoes, cockroaches, ants and silverfish.

Application Instructions: Use as a residual surface treatment to walls, ceilings, window screens and other resting areas inside residential buildings, as well as in and around carports, garages, storage sheds, unoccupied horse stables and pet kennels.

Ants (including Pharaoh Ants): Delta 4.75% SC may be applied to areas including where ants enter premises or live, and to trails, around doors and windows.

Bedbugs and Lice: Remove bed linens and wash before reuse. Apply Delta 4.75% SC to mattresses taking care to treat tufts, folds and edges until moist. Make application to the interior of the bed frame. Before remaking the bed, make sure the mattress is dry.

Carpet Beetles, Fleas and Ticks: Use of an IPM (integrated pest management) program should be followed. Before starting to treat, vacuum carpets, upholstered furniture, baseboards and other indoor areas where pets spend time. After vacuuming, discard the vacuum cleaner bag outside in a garbage can. Clean or replace pet bedding.

Application Instructions: Apply Delta 4.75% SC as a uniform coarse low-pressure spot or crack and crevice treatment to areas where pests are found. Limit spot treatments to pet bedding and its surrounding area, infested floor coverings and pest habitats.

Restrictions:

- Do not treat entire area of floor, carpet or floor coverings.
- Use a dust such as Deltadust® in areas around electrical equipment.
- Do not apply as a space spray.
- Restrict applications to furniture where no prolonged contact by humans will occur.
- Do not allow people or pets to contact treated areas until spray has dried.

Delta 4.75% SC can be used with an Insect Growth Regulator (IGR). For effective control of fleas, treatment directly to the pet with an EPA registered product for such use, as well as treating outside areas pets frequent may be required. Delta 4.75% SC can also be applied outdoors for flea control. DO NOT treat pets with this product.

Pet Kennels: Delta 4.75% SC may be applied to control crawling and flying insects in and around pet kennels. Make application as a general surface and/or crack and crevice spray. For best results, at the same time, clean the facility to be treated and use Delta 4.75% SC to treat the exterior perimeter.

Restrictions:

- Apply only to areas of facility where animals are not present.
- Allow spray to dry before allowing re-entry of animals into treated areas.
- Do not apply to animal feed or watering equipment.

FOOD/FEED HANDLING ESTABLISHMENTS

Applications are permitted in food/feed and non-food/non-feed areas of food/feed handling and processing establishments as a general surface, spot or crack and crevice treatment to control of labeled pests.

Food/Feed handling establishments are defined as places other than private residences in which exposed food/feed is held, processed, prepared or served. Included also are areas for receiving, storing, packing

(canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) of food/feed. Serving areas where food/feed is exposed and the facility is in operation are also considered food/feed areas.

Non-Food/Non-Feed Areas: Areas include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (after packaging, canning or bottling). Treat any area that insects are observed in or where insects may enter.

General Surface Applications: Before application cover or remove all food/feed processing and/or handling equipment. After application, wash all equipment, benches, shelving and other surfaces that food/feed will contact in food/feed processing plants, cafeterias and similar facilities. Clean food/feed handling or processing equipment and rinse well with clean, fresh water. After application in bakeries, clean all food contact surfaces thoroughly with appropriate equipment.

Restrictions:

- Do not use this application method in the food/feed handling areas of the facility when the facility is in operation or foods/feeds are exposed.
- Do not apply directly to food/feed products.

Spot or Crack & Crevice Applications: Spot or crack and crevice applications may be made while the facility is in operation provided exposed food is covered or removed from area being treated prior to application.

Restrictions:

- Application is prohibited in Federally inspected meat and poultry plants while such facility is in operation.
- Do not apply directly to food or food-handling surfaces.
- In the home, do not allow spray to contact food/feed surfaces. If it does, clean surfaces with soap and water.

GRAIN BINS AND WAREHOUSES

Dilute 0.25-1.5 fl. oz. of Delta 4.75% SC with water to make 1 gallon of solution. Before storing or handling grain, apply finished spray to equipment, wall and floor surfaces of grain bins and warehouses at the rate of 1 gallon per 1000 sq. ft. but do not allow run-off to occur. Apply after equipment bins and buildings have been thoroughly cleaned. Empty bins or warehouses should be fumigated with an EPA registered fumigant according to the manufacturer's label recommendations as well as areas that are difficult to get into. Use Delta 4.75% SC as a perimeter treatment to prevent infestation of these structures. Apply to areas where pests are seen or may find entrance. Treat a band of soil or lawn up to 6-10 feet wide around and adjacent to structures and treat the foundation to a height of 2 to 3 feet. Mix 0.25-1.5 fl. oz. of Delta 4.75% SC with water to make 1 gallon of solution. Apply as a coarse spray at a rate of 1 gallon per 1000 sq. ft. Thoroughly and uniformly wet the barrier area but do not allow run-off to occur.

PEST CONTROL OUTDOORS

Apply Delta 4.75% SC as a perimeter treatment, residual spray or broadcast application to lawns, grounds and ornamental plantings.

Apply as a perimeter treatment or residual spray around residential and non-residential settings. Treatments should begin at the first sighting of pests.

Residual Spray: Apply Delta 4.75% SC as a coarse low-pressure spray at the rate of 0.75 to 1.5 fl.oz.to

surfaces of buildings, porches, screens, window frames, eaves, patios, refuse dumps, garages and lawns.

Perimeter Treatments: For best results, apply Delta 4.75% SC to areas where pests are seen and may find entrance. Treat a band of soil or lawn up to 6 -10 feet wide around and adjacent to buildings and treat the building foundation to a height of 2 to 3 feet. Apply as a coarse spray at the rate of 0.25 to 1.5 fl. oz. of Delta 4.75% SC in sufficient amount of water. (See Mixing Directions for Perimeter Application below). Use an adequate volume to thoroughly and uniformly wet the barrier area but do not allow run-off to occur.

MIXING DIRECTIONS FOR Delta 4.75% SC -OUTDOOR PERIMETER APPLICATION

I. Delta 4.75% SC DILUTION (0.25 oz. /1000 sq. ft.) - (Based on one home being 1,000 sq. ft.)

Tank Size	15 Gallon		25 Gallon		50 Gallon		100 Gallon	
Finished Spray: Gallons Per 1000 sq. ft	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*
1	3.75	15	6.25	25	12.50	50	25.00	100
3	1.25	5	2.08	8	4.17	16	8.33	33
5	0.75	3	1.25	5	2.50	10	5.00	20
10	0.37	1.5	0.63	2.5	1.25	5	2.50	10

*Based on Delta 4.75% SC applied at 0.25 ounces per 1,000 square feet treated per home or structure.

II. Delta 4.75% SC DILUTION (1.00 oz. /1000 sq. ft.)

Tank Size	15 Gallon		25 Gallon		50 Gallon		100 Gallon	
Finished Spray: Gallons Per 1000 sq. ft.	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*
1	15.0	15	25.0	25	50	50	100.0	100
3	5.0	5	8.4	8.3	16.70	16.7	33.3	33.3
5	3.0	3	5.0	5	10.0	10	20.0	20
10	1.5	1.5	2.5	2.5	5.0	5	10.0	10

*Based on Delta 4.75% SC applied at 1.00 ounce per 1,000 square feet treated per home or structure.

Fleas and Ticks: To control fleas and ticks, make application of Delta 4.75% SC as a coarse wet spray. Treat dog houses, kennels, run areas, cracks and crevices in sidewalks, patios, areas under plants, shrubs, bushes, trees, or other moist, shaded areas where pests are known to rest.

Fire Ants: Dilute 1.5 oz. per one gallon of water and apply Delta 4.75% SC as a drench treatment. Gently sprinkle 1 to 2 gallons of the diluted insecticide over the surface of each mound and surrounding area to a 2-foot diameter. Best results are obtained when applied in cool weather, 65 to 80°F or in early morning or late evening hours. Treat new mounds as they appear. Pressurized sprays may disturb the ants and cause migration, reducing product effectiveness.

Wood-Infesting Insects: For control of **wood-infesting beetles** on surfaces in homes and other structures, apply a 0.06% suspension of Delta 4.75% SC. Brush or spray the suspension evenly on wood surfaces to treat small areas. Use a coarse spray to treat large or overhead areas of homes, apartment

buildings, etc., and thoroughly cover the area. Before spraying, cover all surfaces below the treatment area with plastic sheeting or other material. After spraying, dispose of the plastic sheeting or other material in the trash. Allow surfaces in the treated area to dry completely before coming into contact.

Restrictions: Do not apply Delta 4.75% SC until the location of heating or air conditioning ducts, vents, water and sewer lines and electrical conduits are identified. Once known, applications may be made around these structures, however, be careful to avoid contamination of these structures and airways.

Foam Application: To treat structural voids for the control of insect and arthropod pests in walls, under slabs or in other void areas, convert Delta 4.75% SC to a foam by mixing the end-use dilution of Delta 4.75% SC with the manufacturer's recommended volume of foaming agent. Use the rate as recommended for a suspension treatment converted to a foam to get the correct foam expansion ratios. Before treatment check to make sure that the foaming agent is compatible with Delta 4.75% SC.

For control of **above-ground termites and wood-infesting beetles** in localized areas, apply a 0.06% suspension or sufficient volume of foam of Delta 4.75% SC to voids and galleries in damaged wood and in spaces between wooden structural members and between the sill plate and foundation where wood is vulnerable. Applications may be made to inaccessible areas by drilling and then injecting the suspension or foam with a suitable directional injector into the damaged wood or wall voids. All treatment holes drilled in construction elements in commonly occupied areas of structures must be securely plugged.

To control **termite carton nests** in building voids and trees, inject a 0.06% suspension or foam using a pointed injection tool. Multiple injection points to varying depths may be necessary. For best results, remove carton nest material from building voids and trees when nests are found. Termite carton nests in trees may be injected with 0.06% suspension or foam using a pointed injection tool.

To control **exposed worker and winged reproductive forms of termites**, applications to attics, crawl spaces, unfinished basements, or man-made voids may be made with a coarse fan spray of 0.06% suspension. For control of **swarming or reproductive stages of termites**, apply a 0.06% suspension to the swarm or area on which they collect. Delta 4.75% SC will kill **workers or winged reproductive forms** present at the time of treatment. These applications are supplemental only, and do not take the place of mechanical alteration, soil treatment or foundation treatment.

For control of **above-ground termites and carpenter ants** inside trees, utility poles, fencing and decking materials and similar structures, locate the infested area by drilling then inject 0.06% suspension or foam using an appropriate treatment tool with a splashback guard.

For protection of firewood from **carpenter ants and termites**, before stacking firewood, treat the soil underneath with a 0.06% suspension at 1 gallon per 8 square feet to prevent infestation. DO NOT treat firewood with this product.

For control of **carpenter ants** in houses and other structures, use a 0.06% suspension and apply as a general surface, spot, crack and crevice or wall void application using coarse spray or foam to thoroughly cover the treatment area. Make application around doors and windows and any other areas where carpenter ants may gain entrance. Apply as a spray or foam into cracks and crevices, and drill small holes into voids where ants or nests may be present. Do not apply more than 1 gallon of dilute suspension per 1000 square feet of treated surface.

For control of **tunneling carpenter ants** in soil, apply a 0.06% suspension as a drench or inject the suspension or foam at 8 to 12 inch intervals. Create a uniform vertical barrier at the edge of walls,

driveways or other hard surfaces where ants are tunneling beneath the surfaces.

For control of **carpenter bees** in structures, apply a 0.06% suspension or sufficient volume of foam directly into gallery entrance holes. Leave the entrance holes open for 24 hours to make sure that returning adult bees are killed. If no activity is visible, use an appropriate sealant to seal the hole.

TURFGRASS APPLICATIONS

Delta 4.75% SC controls listed insects on turfgrasses and ornamental plants in outdoor areas such as athletic fields, recreational areas, residential landscapes, parks, and public and commercial sites. Make application when insects first appear ensuring uniform coverage.

Apply as a broadcast application using a minimum of 2 gallons of water per 1000 sq. ft. with a hydraulic boom-type sprayer or other suitable equipment for turfgrass pests. Follow the specified rates listed in the Application Rates for Turfgrass Sites table. Use higher volumes (4 to 10 gallons of water per 1000 sq. ft.) for areas of dense turfgrass and/or where turfgrass is mowed at greater heights. Control is achieved when the insecticide contacts the target pest. For best results on surface-feeding insects, do not irrigate or mow within 24 hours after application. For subsurface-feeding insects, apply 0.25 to 0.5 inch of water immediately after application. Do not allow people or pets into the treatment area until turfgrass has dried.

Tank Mixing: Delta 4.75% SC may be tank-mixed with other pest control or fertilizer products. Observe all restrictions, precautions and limitations appearing on the tank-mix partner label. To check for compatibility with Delta 4.75% SC, mix a small test sample of the products in the correct proportions with water in a quart jar. The use of silicone surfactants in tank mixtures with Delta 4.75% SC may enhance the control of some insects.

RESTRICTIONS: In New York State, product may not be applied to turf within 100 feet of a coastal marsh or stream that drains directly into a coastal marsh. For control of turf insects in New York, a second application may be made after two weeks if target insect activity persists.

Application Rates For Turfgrass Sites			
Sites	Pests	Rates	Use Instructions
Athletic fields, recreational areas, lawns & grounds, residential areas, parks, public and commercial sites	Ants, armyworms, centipedes, chiggers, cockroaches, crickets, cutworms, fleas(adult), grasshoppers, ground beetles, Japanese beetles (adults), leafhoppers, mealybugs, pillbugs, scorpions, sod webworms, sowbugs, springtails, spiders, ticks	0.4 to 0.6 fl. oz./1000 sq. ft. or 17.5 to 26 fl. oz./Acre or 0.06 to 0.08 lb. ai/A	Apply at first sign of pest presence. Apply as a broadcast spray in a minimum of 2 gallons of water per 1000 sq. ft. For best control of surface feeders such as cutworms and webworms, do not water or mow for 24 hours after application. For subsurface-feeders, such as mole crickets, apply 0.25 to 0.5 inch of water immediately after application. The use of silicone surfactants in tank mixtures with Delta 4.75% SC may enhance the
	Annual bluegrass weevil (adult), billbugs (adult), black turfgrass ataenius (adult), chinch bugs, mites*, mole crickets.	0.6 to 0.9 fl. oz./sq. ft. or 26 to 39 fl. oz./Acre or 0.08 to 0.13 lb. ai/A	

			control of some insects.
--	--	--	--------------------------

*Suppression Only

LANDSCAPE ORNAMENTAL TREATMENTS

Use Delta 4.75% SC to control the listed insects when applied as directed in the Application Rates for Ornamentals table below. Mix the Delta 4.75% SC with the required amount of water and apply as a finished spray to upper and lower leaf surfaces to ensure thorough coverage, but not to the point of run-off. Make sure to apply sufficient product to wet the leaves, trunk and branches of ornamentals.

Restrictions: Similar formulations have been tested on many species of ornamental plants with good results, but if local use information in this product is not available, it is recommended to pre-spray a few plants to check for compatibility.

Application Rates for Ornamentals:			
Sites	Pests	Rates	Remarks
Landscape ornamentals including trees, shrubs, evergreens and foliage plants	Adelgids, ants, aphids, azalea lace bugs, bagworms, boxelder bugs, cankerworms, cardamom thrips, cockroaches, crickets, elm leaf beetles, elm spanworms, European pine sawflies, fall webworms, flea beetles, flies, fungus gnats, grasshoppers, greenstriped mapleworm, Gypsy moth (larvae), imported willow leaf beetles, Japanese beetles (adults)*, June beetles (adults), lace bugs, leaf-feeding caterpillars, leafhoppers, leaf rollers, loopers, leaf skeletonizers, mealybugs, midges, mimosa webworms, mites**, orangestriped oakworms, pillbugs, pine shoot beetles, pine tip moths, pinyon spindlegall midges, plant bugs, redhumped caterpillar, red imported fire ants, sawfly larvae, sowbugs, spiders, springtails, spanworms, scale insects (crawlers), tent caterpillars, ticks, webworms, yellownecked caterpillar	4 to 8 oz./100 gallons of water	Apply at first sign of pest presence. Mix Delta 4.74% SC with the required amount of water and apply as a finished spray to ensure thorough coverage of all plant surfaces, but not to the point of run-off..

*Will provide anti-feedant properties on treated ornamentals against Japanese beetles.

**Suppression only.

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Mix as needed. Store in original container in a secured dry storage area. Avoid extremes in temperatures. Prevent cross-contamination with other pesticides and fertilizers. If the container is leaking and/or material is spilled, on floor or paved surfaces, absorb on sawdust or other commercially available absorbing material, sweep up and remove to chemical waste area for your disposal. Concentrate is stable at normal storage temperatures.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Refillable containers: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from the container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond Control Solutions, Inc.'s control, it is impossible for Control Solutions, Inc. to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, CONTROL SOLUTIONS, INC. MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT

CONTROL SOLUTIONS, INC.'S ELECTION, THE REPLACEMENT OF PRODUCT.

Decision Information for 53883-ETA

Decision Seq: **435209** Action Code: **R300,NEW PRODUCT;ME-TOO PRODUCT FAST TRACK;90** ...

FFS Start Date: **30-Jun-2010** Tentative Ind: **No** FFS Original Decision: ...

Due Date: **30-Sep-2010** 75-Day Due Date: ... FFS EUP Decision: ...

OPP Target Due Dt: ... FFS Primary Decision: ...

Negotiated Due Dt: ... **Start/Stop Clock** FQPA Clock: ...

Registrant: **iel** Days Elapsed: ...

Response Due Date: ...

Current Status: **PENDING (15-Jun-2010)**

Decision Status

- Tracking
- Create Resubmission
- FFS Letters
- Waiver Documentation
- Action Code History
- Secondary Decision

Decision Comments ☐ Payment ☐ Unmatched Payments ☐ 75 Day Letters

Meetings & Milestones ☐ FFS Information ☐ FFS Negotiated Due Dates ☐ OPP Target Due Date

Decision Ownership ☐ Receipts ☐ Data Package ☐ Reduced Risk

Receipts	Staff Member	Reg/DCI Number	Submission Due Dt	Response
S: 876483	Louie, Rosanna	53883-ETA	30-Sep-2010	PENDING
Me-too of 432-783				

COMPLETED

Viewing Record 1 of 1

14 July DP 380129 Prod chem / TRB [16 Aug]
 DP 380130 Acute Tox / TRB

21 July called Lamy Miller [Jane out of town] re meet, will get back to me
 12 Aug emailed draft comments to Jane Miller.
 16 Aug - added request (email) to retain organom toxicity in the Reg.
 28 Sept - call from J. Miller (R. biologic) re ? or why Prod Use was required to be deleted
 29 Sept - msg to J. Miller re meet (9/20), which is not permitted for "post-harvest" use.
 → all food/feed apps & stored grain use must be deleted or reformulate.
 [renegotiate >]

Receipt for Section 3

S: 876483

Resubmission: ☐ Yes ☒ No

Regulatory Type: Product Registration - Section 3

Fee For Service: ☒ Yes ☐ No

Application Type: New Registration

Billable: ☒ Yes ☐ No

Company: 53883 CONTROL SOLUTIONS, INC.

V

Print Letter

Enter More Information

Tracking

Risk Manager: Registration Division, Risk Management Team 13

Product #: 53883-ETA

Product Name: DELTA 4.75% SC

Override#

Me Too

Section3: 432-763

Me Too

Product Name: K-OTHRINE SC INSECTICIDE

Application Date: 04-Jun-2010

ie

OPP Rec'd Date: 09-Jun-2010

ie

Front End Date: 14-Jun-2010

ie

Risk Manager Send Date:

ie

FFS Due Date:

Negotiated Due Date:

OPP Target Date:

Receipt Content

Study

CSF

Fast Track: ☐

New Ingredient: ☐

Receipt Description:

Application for registration

New Ingredient

Request Date:

New Ingredient

Received Date:

Form A: ☐

Signature Date:

Form B: ☐

Signature Date:

View/Edit

DATA PACKAGE BEAN SHEET

Date: 14-Jul-2010

Page 1 of 2

FEE

Decision #: 435209

DP #: (380129)

PRIA

Parent DP #:

Submission #: 876483

*** Registration Information ***

Registration: 53883-ETA - DELTA 4.75% SC

Company: 53883 - CONTROL SOLUTIONS, INC.

Risk Manager: RM 13 - Mark Suarez - (703) 305-0120 Room# PY1 S-7246

Risk Manager Reviewer: Rosanna Louie RLOUIE

Sent Date: _____

Calculated Due Date: 30-Sep-2010

Edited Due Date: _____

Type of Registration: Product Registration - Section 3

Action Desc: (R300) NEW PRODUCT; ME-TOO PRODUCT FAST TRACK;

Ingredients: 097805, Deltamethrin(4.75%)

P 300
27221

*** Data Package Information ***

Expedite: ☐ Yes ☒ No

Date Sent: 14-Jul-2010

Due Back: _____

DP Ingredient: 097805, Deltamethrin

DP Title: 53883-ETA; Me-too Application, Prod. Chem

CSF Included: ☐ Yes ☒ No

Label Included: ☐ Yes ☒ No

Parent DP #: _____

Assigned To

Date In

Date Out

Organization: RD / TRB

Last Possible Science Due Date: 16-Aug-2010

Team Name: CHEM

Science Due Date: _____

Reviewer Name: *Shyam Mathur*

7/27/10

Sub Data Package Due Date: _____

Contractor Name: _____

*** Studies Sent for Review ***

Printed on Page 2

*** Additional Data Package for this Decision ***

No Additional Data Packages

*** Data Package Instructions ***

Attn TRB: Please conduct a product chemistry review for the attached me-too application, #53883-ETA. Contact Rosanna Louie with any questions at 308.0037.

Attachments:

- cover letter
- data matrix
- draft CSF
- draft label
- MRIDs 48119801, -02

Me-too to 432-763.

FEE

DP BARCODE No.: D380129 **FILE SYMBOL No.:** 53883-ETA **PRODUCT NAME:** Delta 4.75% SC
DECISION No.: 435209 **PC Code(s):** 097805 **ACTION CODE:** R 300 **FOOD Use:** No

DATE OUT: July 27, 2010

SUBJECT: End Use Product Chemistry Review
Product Name: Delta 4.75% SC

FROM: Shyam Mathur,
Product Chemistry Team Leader
Technical Review Branch/RD (7505P)

S Mathur
7/27/10

DM

TO: Rosanne Louie / Mark Suarez, RM 13
Insecticide Branch / RD (7505P)

Company Name: Control Solutions Incorporation
Formulation Type: Suspension Concentrate (SC)

INTRODUCTION:

The applicant requested a new registration for the end use product Delta 4.75% SC. The applicant is requesting a registration based on the proposed product being substantially similar to Reg. No.: 432-763.

In support of the application, the registrant has submitted product chemistry data for the guidelines 830 series group A & group B with MRID Nos. 481198-01 & 481198-02. The registrant has also submitted a proposed basic formulation CSF (dated 05-12-10) and the proposed product label (Pin dated 06-09-10). During the review period the registrant on July 27, 2010 informed to the Agency that the applicant is planning to delete all the food uses listed on the product label and the application should be reviewed as non-food use application and the revised product label will be submitted soon. The registrant also submitted the corrected basic CSF (dated 7-27-10) on July 27, 2010. TRB has been asked to determine the acceptability of the product chemistry data and the proposed corrected basic CSF and determines its similarity to the registered product.

SUMMARY OF FINDINGS:

1. Name of Active Ingredient(s): Deltamethrin (4.75%)
2. The registrant claims this product is substantially similar in composition to Reg. No. 432-763.
3. All of the source materials of the active ingredient are derived from registered sources- ☒ Yes ☐ No
4. All inert ingredients have been screened by IIAB and found to be approved for the proposed labeled uses (non-food use & pre-harvest application only under 40CFR180.920)
5. Confidential Statement of Formula(s):

☒ Basic - Dated: 05-12-10; Re-submitted: 07-27-10 ([REDACTED])

☐ Alternate - Dated:

Alternate CSF(s) complies with 40CFR§152.43: ☐ Yes ☐ No ☒ NA

DP BARCODE No.: D380129 FILE SYMBOL No.: 53883-ETA PRODUCT NAME: Delta 4.75% SC
DECISION No.: 435209 PC Code(s): 097805 ACTION CODE: R 300 FOOD Use: No

6. Product label

a. Ingredient statement: Nominal concentration of AI listed on CSF(s) concurs with product label (PR Notice 91-2).

☒ Yes, if not, explain below:

Metallic equivalent: ☐ Yes ☒ NA;

Soluble arsenic: ☐ Yes ☒ NA

Isomeric ratios: ☐ Yes ☒ NA

b. Health related sub statements: Product contains?

Petroleum distillate at > 10%: ☐ Yes ☒ No ☐ NA

Methanol at > 4%: ☐ Yes ☒ No ☐ NA

c. Physical chemical hazard statement: Product label requires a statement per 40 CFR §156.78 for: flammability, explosive potential or electric insulator breakdown?

☒ Yes ☐ No

Is the sub statement in compliance with 40CFR§156.78 ☒ Yes, if not, explain below:

Note: The product label contains the following statement" Do not use water-based sprays of Delta 4.75% SC in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard".

d. Label requires an additional Storage and Disposal statement: ☐ Yes ☒ No; if yes explain below:

DP BARCODE No.: D380129 **FILE SYMBOL No.:** 53883-ETA **PRODUCT NAME:** Delta 4.75% SC
DECISION No.: 435209 **PC Code(s):** 097805 **ACTION CODE:** R 300 **FOOD Use:** No

7. Group A: Product Chemistry Data

TRB's determination of the acceptability for the proposed product is listed in the tables below.

Guideline No.	Study Title		Data submitted		TRB's Assessment of Data	MRID Nos.
			Yes	No		
830.1550	Product Identity & Composition		X		A	481198-01
830.1600	Description of materials used to produce the product		X		A	481198-01
830.1650	Description of formulation process		X		A	481198-01
830.1670	Discussion on the formation of impurities		X		A	481198-01
830.1700	Preliminary analysis		NA			
830.1750	Certified limits (158.350)	Standard certified limits	X		A	Corrected Basic CSF (7-27-10)
		Proposed Limits				
		Justification for wider limits				
830.1800	Enforcement analytical method		X		A	481198-01

A = Acceptance, N = Not Acceptable, G = Data Gap, W = Waiver Request, I = In Progress, NA = Not Applicable

DP BARCODE No.: D380129 **FILE SYMBOL No.:** 53883-ETA **PRODUCT NAME:** Delta 4.75% SC
DECISION No.: 435209 **PC Code(s):** 097805 **ACTION CODE:** R 300 **FOOD Use:** No

8. Group B: Self-certified

Guideline No.	Study Title	Value or Qualitative Description	TRB's Assessment of Data	MRID Nos.
830.6303	Physical State	Liquid	A	481198-02
830.6315	Flammability	NA	A	481198-02
830.6316	Explodability	NA	A	481198-02
830.7000	pH	4.5 to 6.0	A	481198-02
830.7300	Density (units)	1.03 to 1.04	A	481198-02

A = Acceptance, N = Not Acceptable, G = Data Gap, W = Waiver request, NA = Not applicable, I = In progress.

DP BARCODE No.: D380129 **FILE SYMBOL No.:** 53883-ETA **PRODUCT NAME:** Delta 4.75% SC
DECISION No.: 435209 **PC Code(s):** 097805 **ACTION CODE:** R 300 **FOOD Use:** No

CONCLUSIONS:

The TRB has reviewed the product chemistry data submitted for the proposed end use product and has concluded that:

1. The proposed corrected CSF for basic formulation (dated 07-27-10) is acceptable.
2. The data submitted corresponding to guidelines 830.1600 (description of materials used to produce the product), 830.1650 (description of formulation process), and 830.1670 (discussion on the formation of impurity), 830.1750 (certified limits) are acceptable.
3. The data was submitted corresponding to guideline 830.1800 (enforcement analytical method) is acceptable. The deltamethrin content was determined by normal phase HPLC using external standard quantification method. The analytical method used a stainless steel column packed with Nucleosil 100-5-CN, 250 x 4.0 mm (id), 5 μ m with UV detector operating at 230 nm.
4. The product chemistry data submitted corresponding to guidelines 830.6302 (color), 830.6303 (physical state), 830.6304 (odor), 830.6314 (oxidation/reduction or compatibility with common house hold chemicals), 830.6315 (flammability), 830.6316 (explosibility), 830.7000 (pH), and 830.7300 (density) are acceptable.
5. No data was submitted for the guidelines storage stability (830.6317) and 830.6320 (corrosion characteristics). The registrant must submit the results of one year storage stability (830.6317) and corrosion characteristics (830.6320) studies on completion. It is recommended that observations should be made at 0, 3, 6, 9, 12 months intervals.
6. The chemical composition of the proposed product was determined to be similar to the chemical composition of the cited product. The substantial similarity decision will be made by the RM team after reviewing the revised product label and comparing to the product label of the cited product. The proposed label was screened as it pertains to the product chemistry requirements. The final review of the proposed revised label and uses are the purview of the RM team.

DATA PACKAGE BEAN SHEET

Date: 14-Jul-2010

Page 1 of 1

Decision #: 435209

DP #: (380130)

PRIA 380129 *Chen*

Parent DP #:

Submission #: 876483

*** Registration Information ***

Registration: 53883-ETA - DELTA 4.75% SC

Company: 53883 - CONTROL SOLUTIONS, INC.

Risk Manager: RM 13 - Mark Suarez - (703) 305-0120 Room# PY1 S-7246

Risk Manager Reviewer: Rosanna Louie RLOUIE

Sent Date: _____

Calculated Due Date: 30-Sep-2010

Edited Due Date: _____

Type of Registration: Product Registration - Section 3

Action Desc: (R300) NEW PRODUCT; ME-TOO PRODUCT FAST TRACK;

Ingredients: 097805, Deltamethrin(4.75%)

R300
H 27 227

*** Data Package Information ***

Expedite: ☐ Yes ☒ No

Date Sent: 14-Jul-2010

Due Back: _____

DP Ingredient: 097805, Deltamethrin

DP Title: 53883-ETA; Me-too Application, Acute Tox. Review

CSF Included: ☐ Yes ☒ No

Label Included: ☐ Yes ☒ No

Parent DP #: _____

Assigned To

Date In

Date Out

Organization: RD / TRB

Last Possible Science Due Date: 16-Aug-2010

Team Name: TOX

Science Due Date: _____

Reviewer Name: _____

Sub Data Package Due Date: _____

Contractor Name: _____

*** Studies Sent for Review ***

No Studies

*** Additional Data Package for this Decision ***

Can be printed on its own page

*** Data Package Instructions ***

Attn TRB: Please conduct an acute toxicity review for the attached me-too application, #53883-ETA. Contact Rosanna Louie with any questions at 308.0037.

Attachments:
- cover letter
- data matrix
- draft CSF
- draft label

Me-too to 432-763.

Like all



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY AND
POLLUTION PREVENTION

**TECHNICAL REVIEW BRANCH
SIMILARITY DETERMINATION**

27/JUL/2010

MEMORANDUM

Subject: Name of Pesticide Product: Delta 4.75% SC
EPA Reg. No. /File Symbol: 53883-ETA
DP Barcode: D380130
Decision No: 435209
Action Code: R300
PC Code: 097805 (deltamethrin)

From: Eugenia McAndrew, Biologist
Technical Review Branch
Registration Division (7505P)

E. McAndrew
M. Hashmi

To: Rosanna Louie, RM Team 13
Insecticide Branch
Registration Division (7505P)

Applicant: Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041

FORMULATION FROM LABEL:

<u>Active Ingredient(s):</u>	<u>% by wt.</u>
Deltamethrin	4.75
<u>Inert Ingredient(s):</u>	<u>95.25</u>
Total:	100.00%

ACTION REQUESTED: The Risk Manager requests: "Please conduct an acute toxicity review for the attached me-too application, #53883-ETA."

BACKGROUND: Control Solutions, Inc. has applied for registration of Delta 4.75% SC, EPA File Symbol 53883-ETA, claiming similarity to K-Othrine SC Insecticide, EPA Reg. No. 432-763. The active ingredient in both products is 4.75% deltamethrin. The registrant is using the cite-all method of data support to satisfy the acute toxicity data requirements.

A search of the OPP electronic databases shows that six acute toxicity studies were submitted to support the registration of the cited product, 432-763. The studies were reviewed and classified as acceptable in two prior Precautionary Review Section/Registration Support Branch memos (Gairola; 23/MAY/1992 and Johnson; 27/JUL/1993).

RECOMMENDATIONS:

1. TRB has evaluated the basic formulations of the proposed product, 53883-ETA, and the cited product, 432-763 (CSF dated January 17, 2003), and has determined that the two products are substantially similar.

2. The acute toxicity profile for the proposed product, Delta 4.75% SC, EPA File Symbol 53883-ETA, is as follows:

acute oral toxicity	IV	cited	EPA Reg. No. 432-763
acute dermal toxicity	IV	cited	EPA Reg. No. 432-763
acute inhalation toxicity	III	cited	EPA Reg. No. 432-763
primary eye irritation	IV	cited	EPA Reg. No. 432-763
primary skin irritation	IV	cited	EPA Reg. No. 432-763
dermal sensitization	negative	cited	EPA Reg. No. 432-763

3. This memorandum pertains only to the decision concerning whether the subject product is similar to the cited product from an acute toxicological view point. For the purposes of this action, TRB has made no further determination of the adequacy of the toxicological data base or the precautionary label of the cited product.

4. The proposed basic CSF dated May 12, 2010 should be approved by the TRB Product Chemistry Team.

LABELING: Based on the toxicity profile above, the following are the precautionary and first aid statements for this product as obtained from the Label Review System:

PRODUCT ID #: 053883-00276

PRODUCT NAME: Delta 4.75% SC

PRECAUTIONARY STATEMENTS

SIGNAL WORD: CAUTION

Hazards to Humans and Domestic Animals:

Harmful if inhaled. Avoid breathing spray mist. Remove and wash contaminated clothing before reuse.

First Aid:

If inhaled:

- Move the person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-xxx-xxxx for emergency medical treatment information.

PRIA 2 – 21 Day Content Screen Review Worksheet

(EPA/OPP Use Only)

3/23/09

21 Day Screen Start Date: 6-9-10

Experts In-Processing Signature: MF HARRINGTON Date 6-15-10 Fee Paid: Yes ☒

Division management contacted on issues No ☐ Yes ☐ Date _____

EPA Reg. Number: <u>53883-ETA</u>		EPA Receipt Date: <u>6-9-10</u>				
Items for Review				Yes	No	N/A*
1	Application Form (EPA Form 8570-1)(link to form) signed & complete including package type			X		
2	Confidential Statement of Formula all boxes completed, form signed, and dated (EPA Form 8570-4) (Link to form)			X		
	a) All inerts (link to http://www.epa.gov/opprd001/inerts/), including fragrances, approved for the proposed uses (see Footnote A)	yes	no			
		X				
3	Certification with Respect to Citation of Data (EPA Form 8570-34) (Link to form) completed and signed (N/A if 100% repack)			X		
	Certificate and data matrix consistent			X		
	If applicant is relying on data that are compensable, is the offer to pay statement included. (see Footnote B)	yes	no			
	If applicable, is there a letter of Authorization for exclusive use only.					
4	Formulator's Exemption Statement (EPA Form 8570-27) (Link to form) completed and signed (N/A if source is unregistered or applicant owns the technical)			X		
	Data Matrix (EPA Form 8570-35) (Link to form) both internal and external copies (PR 98-5) (Link to PR 98-5) completed and signed (N/A if 100% repack)			X		
5	a) Selective Method (Fee category experts use)	yes	no			
		X				
	b) Cite-All (Fee category experts use)					
	c) Applicant owns all data (Fee category experts use)					
6	5 Copies of Label (link to http://www.epa.gov/oppfead1/labeling/lrm/) (Electronic labels on CD are encouraged and guidance is available)(link to http://www.epa.gov/pesticides/regulating/registering/submissions/index.htm#labels)			X		

7	Is the data package consistent with PR Notice 86-5 (link to PRN 86-5)	X		
8	Notice of Filing (link to http://www.epa.gov/pesticides/regulating/tolerance_petitions.htm) included with petitions (link to http://www.epa.gov/pesticides/regulating/tolerances.htm)			X
9	If applicable for conventional applications, reduced risk rationale (link to http://www.epa.gov/opprd001/workplan/reducedrisk.html)			X
10	Required Data (link to http://www.epa.gov/pesticides/regulating/data_requirements.htm) and/or data waivers. See Footnote C.			
	a) List study (or studies) not included with application			

Comments:

The studies associated with this jacket passed 80-5 review.

Inerts cleared for pre-harvest
40 CFR 170.

MP 6/17/10

MRID 481198

* N/A – Not Applicable

Footnotes

A. During the 21 day initial content review, all CSFs will be reviewed to determine whether all inerts listed, including fragrances, are approved for the proposed uses. If an unapproved inert is identified, the applicant must either 1) resolve the inert issue by, for example, removing the inert, substituting it with an approved inert, submitting documentation that EPA approved the inert for the proposed pesticidal uses, correcting mistakes on the CSF, etc. or 2) provide the data to support OPP approval of the inert or 3) withdraw the application. Removing or substituting an inert ingredient will require a new CSF and may require submission of data. All information, forms, data and documentation resolving the inert issue must have been received by the Agency or the application withdrawn within the 21 day period, otherwise, the Agency will reject the application as described below.

To successfully complete this aspect of the 21 day initial content screen, applicants are **strongly encouraged** to verify that all inert ingredients have been approved for the application's uses **even if a product is currently registered** by consulting the inert Web

site [link to <http://www.epa.gov/oppr001/inerts/lists.html>] and if the inert is not approved, to **obtain the necessary inert approval prior to submitting an application to register a pesticide product containing that inert ingredient**. Some inert ingredients are no longer approved for food uses or certain types of uses. The name and/or CAS number on a CSF must match the name and CAS number on this web site. Simple typographical errors in the name or CAS number have resulted in processing delays.

If an inert is not listed on the inert ingredient web site and the applicant believes that the inert has been approved, the applicant should contact the Inert Ingredient Assessment Branch (IIAB) at inertsbranch@epa.gov and resolve the issue. Copies of the correspondence with IIAB resolving the issue should accompany the application. All new inerts except PIP inerts are reviewed by IIAB. The IIAB should also be contacted for any questions on what supporting data needs to be submitted for and the Agency's inert review process. Questions on PIP inerts should be directed to the Chief of Microbial Pesticides Branch [Link to http://www.epa.gov/oppbppd1/biopesticides/contacts_bppd.htm].

When a brand, trade, or proprietary name of an inert ingredient is listed on a CSF, additional information such as an alternate name of the inert, CAS number or other information [link to <http://www.epa.gov/oppr001/inerts/tips.pdf>] must also be included to enable the Agency to determine if it has been approved. Each component of an inert mixture (including a fragrance) must be identified. In some cases, the supplier of the mixture or fragrance may need to provide this information to the Agency. Prior to the Agency's receipt of an application, applicants must arrange with a proprietary mixture or fragrance supplier to provide the component information to the Agency or promptly upon EPA's request. If the inert ingredients in a proprietary blend (including fragrances) cannot or are not identified or provided within the 21-day content review period, the Agency will reject the application.

During the 21 day content review, applicants should submit information to the individual identified by the Agency when the applicant is informed of an unapproved inert.

Unapproved Inerts Identified on CSFs

All applications except conventional new products and PIPs

Once an unapproved inert is identified on a CSF, the Agency will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the inert's identity or CAS number, providing documentation that the inert has been approved, or removing the unapproved inert from the CSF or replacing it with one that is approved for the application's uses; or
2. Submit the information and data needed for the Agency to approve the unapproved inert. If this option is selected and implemented, the Agency may request an extension in the PRIA decision review timeframe to accommodate the inert review/approval process;

3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of these options is selected and implemented by the applicant within the 21 day content review period, the Agency will reject the application and retain 25% of the full fee of the category identified.

Conventional New Product Applications

When the Registration Division identifies an unapproved inert on a CSF with an application for a new product that the applicant has not identified as requiring an inert approval (R311, R312 or R313), it will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the inert's identity or CAS number, providing documentation that the inert has been approved, or removing the unapproved inert from the CSF or replacing it with one that is approved for the application's uses; or
2. Submit the information and data needed for the Agency to approve the unapproved inert, including any required petition to establish or amend a tolerance or exemption from a tolerance. (This option may change the PRIA category for the application, which could require a longer decision review time and a larger fee. If additional fees are due, they must be received by the Agency within the 21 day content review period.)
3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of the above options is selected and implemented during the 21-day content-review period, the Agency will reject the application and retain 25% of the appropriate fee for the new product-inert approval category.

PIP Applications

When the Biopesticide and Pollution Prevention Division identifies an unapproved inert on a PIP CSF and a request to approve the inert does not accompany the application, it will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the spelling or name of the inert to that in 40 CFR 174, or providing documentation that the inert has been approved; or
2. Submit the information and data needed for the Agency to approve the unapproved inert. If an inert ingredient tolerance exemption petition is required, the petition must be received by the Agency and the B903 fee paid within the 21 day period. If this option is selected and implemented, the Agency will discuss harmonizing the timeframe for both actions.

3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of the above options is selected and implemented during the 21 day content review period, the Agency will reject the application and retain 25% of the fee.

B. A policy on documentation of offers to pay is still being developed, however, for a me-too or fast track (similar/identical) new product, R300 or A530, an application without the necessary authorizations of offers to pay will be placed into either R301 or A531. The Agency recommends that authorizations of offers to pay be submitted with other PRIA applications to avoid delays in the Agency's decision.

C. Biopesticide applicants are advised to contact the Agency and discuss study waivers prior to submitting their application to the Agency. Documentation of such discussions should be submitted with the study waiver.

BIOLOGIC INC.
agribusiness professionals

48119800

June 4, 2010

Document Processing Desk (REGFEE)
Office of Pesticide Programs (7504P)
US Environmental Protection Agency
One Potomac Yard
2777 S. Crystal Drive
Room S-4900, 4th Floor
Arlington, VA 22202

Attention: Mr. Richard Gebken (PM #1)0
RE: Delta 4.75% SC; EPA Reg. No.53883-XX
Application for Pesticide Registration

Dear Mr. Gebken:

On behalf of Control Solutions, Inc. we are submitting an Application for Pesticide Registration for the above mentioned product. The subject product is an insecticide formulation containing deltamethrin technical as the active ingredient for use both indoors and outdoors for effective knockdown and long residual control of numerous pests. The nominal concentration of deltamethrin in the product is 4.75%.

The following documents are enclosed to process this registration:

Volume 1 Administrative Materials

- Application for Pesticide Registration (EPA Form 8570-1)
- Certification With Respect to Citation of Data (EPA Form 8570-34)
- Data Matrix (EPA Form 8570-35)
- Formulator's Exemption Statement (EPA Form 8570-27)
- Confidential Statement of Formula (EPA Form 8570-4)
- Five (5) copies of draft labeling

Volume 2 Physical and Chemical Characteristics

OPPTS Guideline 830.1550 through 830.1900

48119801

Volume 3 Physical and Chemical Characteristics

OPPTS Guideline 830.6302 through 830.7300

48119802

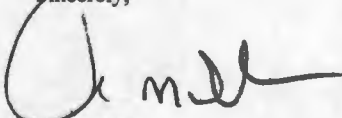
This application is submitted under the Formulator's Exemption provision of FIFRA section 3(c)(2)(D). In addition, according to FIFRA section 3(c)(3)(b)(i) this application qualifies for an expedited review on the basis that this product is similar in labeling and composition to 432-763 "K-Othrine SC Insecticide".

To satisfy the data requirements for acute toxicity and efficacy, Control Solutions, Inc. has chosen the cite-all option under the selective method of support and has sent offer to pay letters to those companies appearing on the enclosed data matrix.

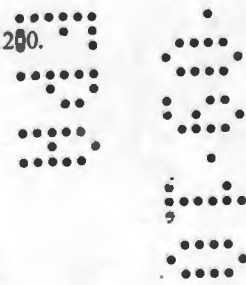
This application for a new pesticide product will fall within the category on Table 4 - Registration Division: New Products, EPA No. R300; CR No. 44. The PRIA fee for this application is \$1,365.

Should you have any questions, or wish to reach me, please feel free to contact our office at 203-740-1200.

Sincerely,



Jane Miller
Agent to Control Solutions, Inc.





United States
Environmental Protection Agency
Washington, DC 20460

☒ Registration
☐ Amendment
☐ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 53883-XXX	2. EPA Product Manager R. Gebken	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Delta 4.75% SC	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 432-763 Product Name K-Othrine SC Insecticide	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

This application for a new pesticide product will fall within the category on Table 4 - Registration Division: New Products as published in the August 5, 2008 Federal Register. This product is further defined under EPA No. 300; CR No. 44. Control Solutions is submitting its own product chemistry and is using the cite-all option under the selective method of support for any acute toxicity and efficacy data that may be applicable to this registration action. The PRIA fee for this application is \$1,365.

Miller Tel: (203) 740-1200; Fax: (203) 740-1220; Email: jmill@biologicconsulting.com

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1 pint, 1 gallon		5. Location of Label Directions <input checked="" type="checkbox"/> on label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Jane M. Miller		Title Agent	
		Telephone No. (Include Area Code) 203-740-1200	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
Signature 		3. Title Agent	
4. Typed Name Jane M. Miller		5. Date June 4, 2010	

236



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the completed form to this address.

Certification with Respect to Citation of Data

Applicant's/Registrant's Name, Address, and Telephone Number Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507	EPA Registration Number/File Symbol 53883-XXX CTA 276
Active Ingredient(s) and/or representative test compound(s) Deltamethrin	Date June 4, 2010
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) Terrestrial Non-Food, Domestic Outdoor	Product Name Delta 4.75% SC

NOTE: If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

SECTION I: METHOD OF DATA SUPPORT (Check one method only)

☐ I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

☒ I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

SECTION II: GENERAL OFFER TO PAY

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☒ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

SECTION III: CERTIFICATION

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature 	Date June 4, 2010	Typed or Printed Name and Title Jane M. Miller, Agent
---------------	----------------------	--



United States

Environmental Protection Agency

Washington, DC 20460

Formulator's Exemption Statement

8. Exemption
(40 CFR 152.85)

Applicant's Name and Address Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, Ct 06804	EPA File Symbol/Registration Number 53883-XXX
	Product Name Delta 4.75% SC
	Date of Confidential Statement of Formula (EPA Form 8570-4) May 12, 2010

As an authorized representative of the applicant for registration of the product identified above, I certify that:

- (1) This product contains the following active ingredient(s):**

Deltamethrin

- (2) Of these, each active ingredient listed in paragraph (4) is present solely as the result of the use of that active ingredient in the manufacturing, formulation or repackaging another product which contains that active ingredient which is registered under FIFRA Section 3, is purchased by us from another producer, and is labeled for at least each use for which my product is proposed to be labeled.

- (3) Indicate by checking (A) or (B) below which paragraph applies:

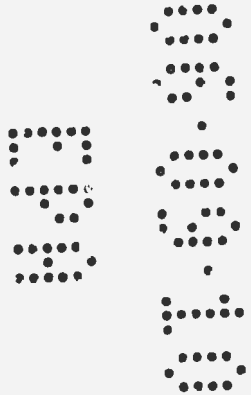

- ☒ (A) An accurate Confidential Statement of Formula (EPA FORM 8570-4) for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

OR

- ☐ (B) The Confidential Statement of Formula (CSF) (EPA Form 8570-4) referenced above and on file with the EPA is complete, current, and accurate and contains the information required on the current CSF.

- (4) The following active ingredients in this product qualify for the formulator's exemption.

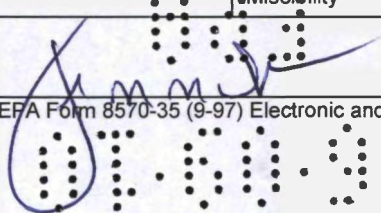
Source

Active Ingredient	Product Name	Registration Number
Deltamethrin Technical		<div style="text-align: right;">+</div> <div style="text-align: right;">  </div>
Signature 	Name and Title Jane M. Miller, Agent	Date 6/4/2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date June 4, 2010			EPA Reg. No./File Symbol 53883- XXX ETA		Page 1 of 9
Applicant's/Registrant's Name & Address Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Product Identity and Composition		Control Solutions, Inc.	OWN	
830.1600	Description of Materials Used to Produce the Product		Control Solutions, Inc.	OWN	
830.1650	Description of Formulation Process		Control Solutions, Inc.	OWN	
830.1670	Discussion of Formation of Impurities		Control Solutions, Inc.	OWN	
830.1750	Certified Limits		Control Solutions, Inc.	OWN	
830.1800	Enforcement Analytical Method		Control Solutions, Inc.	OWN	
830.1900	Submittal of Samples				1
830.6302	Color		Control Solutions, Inc.	OWN	
830.6303	Physical State		Control Solutions, Inc.	OWN	
830.6304	Odor		Control Solutions, Inc.	OWN	
830.6314	Oxidation / Reduction: Chemical Incompatibility				2
830.6315	Flammability / Flame Extension				3
830.6316	Explosibility				4
830.6317	Storage Stability				5
830.6319	Miscibility				6
Signature 			Name and Title Jane M. Miller, Agent		Date 6/4/2010

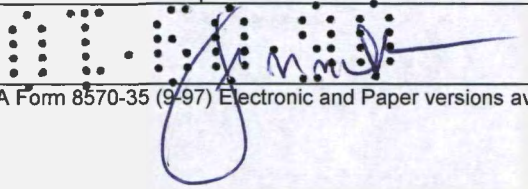
Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date June 4, 2010			EPA Reg. No./File Symbol 53883-XXX <i>ETA</i>		Page 2 of 9
Applicant's/Registrant's Name & Address Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6320	Corrosion Characteristics				7
830.6321	Dielectric Breakdown Voltage				8
830.7000	PH		Control Solutions, Inc.	OWN	
830.7100	Viscosity		Control Solutions, Inc.	OWN	
830.7300	Density		Control Solutions, Inc.	OWN	
870.1100	Acute Oral Toxicity	Cite-All		PAY	
870.1200	Acute Dermal Toxicity	Cite-All		PAY	
870.1300	Acute Inhalation Toxicity	Cite-All		PAY	
870.2400	Acute Eye Irritation	Cite-All		PAY	
870.2500	Acute Dermal Irritation	Cite-All		PAY	
870.2600	Skin Sensitization	Cite-All		PAY	
	Efficacy	Cite-All		PAY	
To satisfy the acute toxicity and efficacy data requirements, the following companies have been sent offer to pay letters			Bonide Products	PAY	
			Oriskany, NY		
			P.F. Harris Mfg. Co.	PAY	
			Alpharetta, GA		
			The Scotts Company	PAY	
			Marysville, OH		
Signature 			Name and Title Jane M. Miller, Agent		Date 6/4/2010

Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

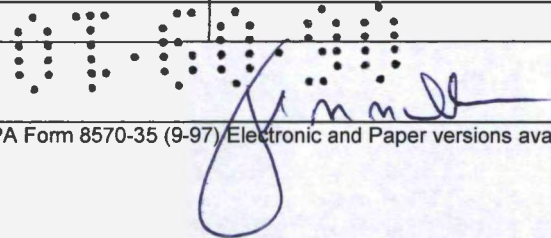
Agency Internal Use Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date June 4, 2010		EPA Reg. No./File Symbol 53883- XXX ETA		Page 3 of 9	
Applicant's/Registrant's Name & Address Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507		Product Delta 4.75% SC			
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			FMC Corp.	PAY	
			Philadelphia, PA		
			Excel Marketing	PAY	
			Salem, VA		
			Bayer Cropscience LP	PAY	
			Research Triangle Park, NC		
			Boehringer Ingelheim Vetmedica	PAY	
			Elwood, KS		
			Chase Products	PAY	
			Maywood, IL		
			S.C. Johnson & Son	PAY	
			Racine, WI		
			Voluntary Purchasing Group	PAY	
			Palno, TX		
			Southern Ag. Insecticides	PAY	
			Palmetto, FL		
			Speer Products Inc.	PAY	
			Memphis, TN		
Signature 			Name and Title Jane M. Miller, Agent		Date 6/4/2010

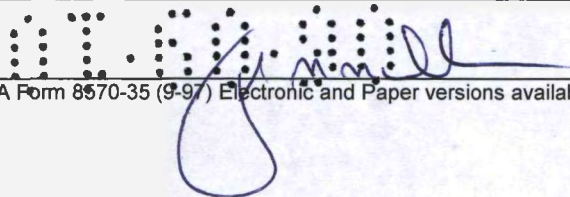
Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date June 4, 2010			EPA Reg. No./File Symbol 53883- XXX E1 A		Page 4 of 9
Applicant's/Registrant's Name & Address Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Unicorn Labs.	PAY	
			Madison, GA		
			Aerochem Inc.	PAY	
			Raymond, MS		
			Senoret Chemical Co., Inc.	PAY	
			Silver Springs, MD		
			Drummond American Corp.	PAY	
			Vernon Hills, IL		
			Enforcer Products	PAY	
			Atlanta, GA		
			Safer Inc.	PAY	
			Lititz, PA		
			CTX-Cenol Inc.	PAY	
			Miami, FL		
			K-G Packaging	PAY	
			Hartford, WI		
Signature 			Name and Title Jane M. Miller, Agent		Date 6/4/2010

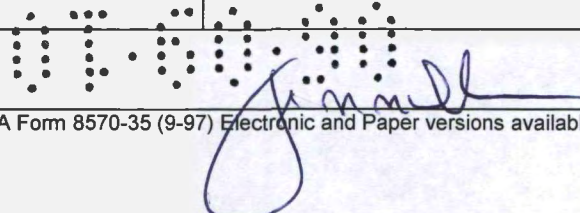
Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date June 4, 2010			EPA Reg. No./File Symbol 53883- XXX ETA		Page 5 of 9
Applicant's/Registrant's Name & Address Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Spray Drift Task Force	PAY	
			Washington, DC		
			Star Horse Products	PAY	
			Goodyear, AZ		
			Valent Biosciences Corp.	PAY	
			Libertyville, IL		
			Bengal Products	PAY	
			Baton Rouge, LA		
			Bayer Environmental Science	PAY	
			Research Triangle Park, NC		
			Whitmire Micro-Gen	PAY	
			St. Louis, MO		
			Outdoor Residential Exposure Task	PAY	
			Washington, DC		
			Agricultural Re-Entry Task Force	PAY	
			Washington, DC		
Signature 			Name and Title Jane M. Miller, Agent		Date 6/4/2010

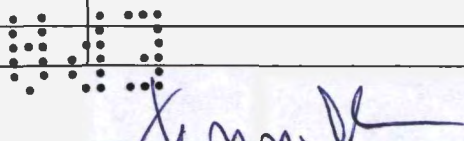
Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date June 4, 2010			EPA Reg. No./File Symbol 53883- XXX ETA		Page 6 of 9
Applicant's/Registrant's Name & Address Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Value Garden Supply	PAY	
			St. Joseph, MO		
			Green Light Co.	PAY	
			San Antonio, TX		
			Quest Chemical Corp.	PAY	
			Houston, TX		
			Arysta Lifescience North America	PAY	
			Cary, NC		
			Non-Dietary Exposure TF	PAY	
			Washington, DC		
			FIFRA Endangered Species TF	PAY	
			Washington, DC		
			Residential Exposure Joint Venture	PAY	
			Washington, DC		
			Agricultural Handlers Exposure TF	PAY	
			Macon, MO		
Signature 			Name and Title Jane M. Miller, Agent		Date 6/4/2010

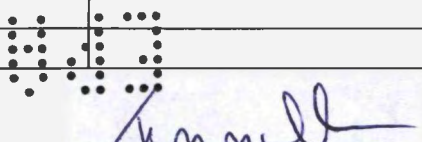
Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date June 4, 2010			EPA Reg. No./File Symbol 53883- XXX E TA		Page 7 of 9
Applicant's/Registrant's Name & Address Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Black Flag Brands, LLC	PAY	
			Bedford Heights, OH		
			Hedley Technologies Inc.	PAY	
			Grand Junction, CO		
			Pyrethroid Working Group	PAY	
			Washington, DC		
			J.J. Mauget Co.	PAY	
			Woodbridge, VA		
			Waterbury Companies	PAY	
			Independence, LA		
			Amrep	PAY	
			Marietta, GA		
			E.I. Dupont De Nemours and Co.	PAY	
			Wilmington, DE		
			Zep Manufacturing Co.	PAY	
			Atlanta, GA		
Signature 			Name and Title Jane M. Miller, Agent		Date 6/4/2010

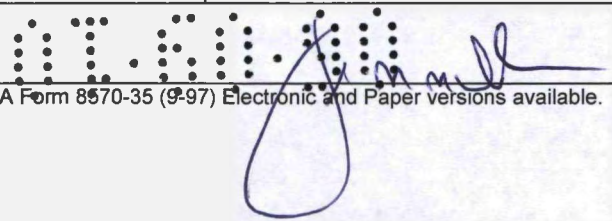
Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date June 4, 2010			EPA Reg. No./File Symbol 53883-XXX CTA		Page 8 of 9
Applicant's/Registrant's Name & Address Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507			Product Delta 4.75% SC		
Ingredient Deltamethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Bacon Products Company	PAY	
			Chattanooga, TN		
			The Andersons Lawn Fertilizer Div.	PAY	
			Maumee, OH		
			Apollo Industries Inc.	PAY	
			Smyrna, GA		
			Rainbow Technology Corp.	PAY	
			Greeley, CO		
			Phaeton Corporation	PAY	
			Madison, GA		
			Hoechst Schering Agrevo S.A.	PAY	
			Research Triangle Park, NC		
			Mystic Chemical Products Co.	PAY	
			Cleveland, OH		
			Walla Walla Environmental Inc.	PAY	
			Walla Walla, WA		
Signature 			Name and Title Jane M. Miller, Agent		Date 6/4/2010

Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

v. 1.0
Data Matrix Footnotes for 53883-XXX

1. Not required at this time for this end-use product.
2. Not applicable. The active and inert ingredients in this product are not considered strong oxidizing or reducing agents.
3. Not applicable. The product does not contain combustible liquids.
4. Not applicable. The active and inert ingredients in this product are not considered as potentially explosive.
5. Will provide if required by Agency.
6. Not applicable. Product is not intended to be diluted with petroleum solvents.
7. Will provide if required by Agency.
8. Not applicable. The product is not intended for use around electrical equipment.

843
07.60.90



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

June 15, 2010

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

OPP Decision Number: D-435209
EPA File Symbol or Registration Number: 53883-ETA
Product Name: DELTA 4.75% SC
EPA Receipt Date: 09-Jun-2010
EPA Company Number: 53883
Company Name: CONTROL SOLUTIONS, INC.

DON O'SHAUGHNESSY, PH.D.
D. O'SHAUGHNESSY CONSULTING, INC.
CONTROL SOLUTIONS, INC.
427 HIDE AWAY CIRCLE
CUB RUN, KY 42729-

SUBJECT: Receipt of Registration Application Subject to Registration Service Fee

Dear Registrant:

The Office of Pesticide Programs has received your application and certification of payment. If you submitted data with this application, the results of the PRN-86-5 screen will be communicated separately. During the administrative screen, the Office of Pesticide Programs has determined that this Action is subject to a Pesticide Registration Service Fee as defined in the Pesticide Registration Improvement Act.

The Action has been identified as Action Code: R300

NEW PRODUCT;ME-TOO PRODUCT FAST TRACK;

No additional payment is due at this time.

If you have any questions, please contact the Pesticide Registration Service Fee Ombudsman at (703) 305-6249.

Sincerely, *Peresa Downs*
Front End Processing Staff
Information Technology & Resources Management Division

Fee for Service

{876483F~

This package includes the following

☒ New Registration

☐ Amendment

☒ Studies? ☐ Fee Waiver?

☐ volpay % Reduction: _____

for Division

☐ AD

☐ BPPD

☒ RD

Risk Mgr.

13

Receipt No.

S-

876483

EPA File Symbol/Reg. No.

53883-ETA

Pin-Punch Date:

6/9/2010

☐ This item is NOT subject to FFS action.

Action Code:

Requested:

R300

Granted:

R300

Amount Due: \$ 1,365.⁰⁰

Parent/Child Decisions:

☒ Inert Cleared for Intended Use

☐ Uncleared Inert in Product

Reviewer:

[Signature]

Date:

6-15-10

Remarks:

Receipt for Section 3

S: 876483

Resubmission: ☐ Yes ☒ No

Regulatory Type: Product Registration - Section 3

Fee For Service: ☒ Yes ☐ No

Application Type: New Registration

Billable: ☒ Yes ☐ No

Company: 53883 CONTROL SOLUTIONS, INC.

V

Risk Manager: Registration Division, Risk Management Team 13

Product #: 53883-ETA Product Name: DELTA 4.75% SC

Override#:

Me Too
Section3: 432-763

Me Too
Product Name: K-OTHRINE SC INSECTICIDE

Application Date: 04-Jun-2010

OPP Rec'd Date: 09-Jun-2010

Front End Date: 14-Jun-2010

Risk Manager Send Date:

FFS Due Date:

Negotiated Due Date:

OPP Target Date:

Fast Track: ☐

New Ingredient: ☐

Receipt Description:

Application for registration

New Ingredient Request Date:

New Ingredient Received Date:

Form A: ☐ Signature Date:

Form B: ☐ Signature Date:

Print Letter

Enter More Information

Tracking

Receipt Content

Study

CSF

View/Edit

Jane Miller

From: paygovadmin@mail.doc.twai.gov
Sent: Tuesday, June 08, 2010 12:55 PM
To: jmill@biologicconsulting.com
Subject: Pay.Gov Payment Confirmation

THIS IS AN AUTOMATED MESSAGE. PLEASE DO NOT REPLY.

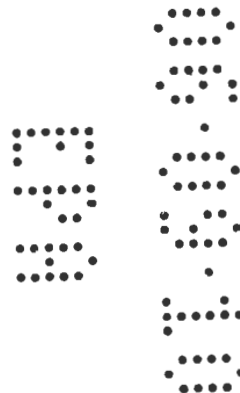
Your transaction has been successfully completed.

Transaction Summary

Application Name: PRIA Service Fees
Pay.gov Tracking ID: 250ULGAU
Agency Tracking ID: 74120347999

Account Holder Name: Jane M. Miller
Transaction Type: Sale
Transaction Amount: \$1,365.00
Billing Address: 115 Obtuse Hill Road
City: Brookfield
State/Province: CT
Zip/Postal Code: 06804
Country: USA
Card Type: Visa
Card Number: *****0690
Transaction Date: Jun 8, 2010 12:54:39 PM

Decision Number:
Registration Number:
Company Name: Control Solutions, Inc.
Company Number: 53883
Action Code: R300



Delta 4.75% SC

INSECTICIDE

For Use by Pest Control Operators and/or Commercial Applicators
For Residential, Industrial and Institutional Use

- Provides Control of Listed Insect/Pests in and around the Home
- For Insect Control on Commercial and Residential Turf and Landscape Ornamental Plants
- For crack and crevice and spot applications in homes, hotels, schools and all types of food handling establishments.
- Controls ants, bedbugs, cockroaches, fleas, flies, silverfish, spiders and many other listed pests.
- Mattress application for bedbugs and lice.
- Broadcast spray for lawns and turfgrass to control fleas, ticks and other listed insects.
- Concentrated suspension of pure micro-crystals
- Long lasting residual
- Safe for use on Paints, Plastics, Fabrics and other surfaces

ACTIVE INGREDIENT:

*Deltamethrin4.75%

OTHER INGREDIENTS :95.25%

100.00%

*Contains 0.42 lb deltamethrin per gallon.

Reg. No.: 53883-XXX

EPA Est. No. : XXXXX-XX-XXX

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUCION AL USARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada amplimente. **(TO THE USER:** If you cannot read English, do not use this product until the label has been fully explained to you.)

See [side panel] [inside booklet] for additional Precautionary Statements, Storage and Disposal instructions and Directions for Use.

Manufactured By:
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507

NET CONTENTS: 1 Pint or 1 Gallon

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION

Harmful if inhaled. Avoid breathing vapor or spray mist. Contact with product may result in transient tingling and reddening of the skin. Remove contaminated clothing and wash before reuse.

FIRST AID	
If Inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact SafetyCall® (866) 897-8050 for emergency medical treatment information.	

Environmental Hazards

This product is extremely toxic to fresh water and estuarine fish and invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Use with care when applying in areas adjacent to any body of water. Do not contaminate water when cleaning equipment or when disposing of equipment washwater. This pesticide is highly toxic to bees exposed to direct treatment. Do not apply or allow it to drift to crops or weeds on which bees are actively foraging.

Physical and Chemical Hazards

Do not use water-based sprays of Delta 4.75% SC in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

RESTRICTIONS:

1. DO NOT apply Delta 4.75% SC through any type of irrigation system.
2. DO NOT apply this product to edible crops.
3. DO NOT apply this product in hospital patient rooms while occupied or in any rooms occupied by the elderly or infirm.
4. DO NOT apply in classrooms when in use.
5. DO NOT apply to institutions (including libraries, sport facilities, etc.) in the immediate area when occupants are present.

PRODUCT INFORMATION

Delta 4.75% SC is a suspension concentrate insecticide for use both indoors and outdoors for effective knockdown and long residual control of listed pests.

Mixing Instructions

Mix Delta 4.75% SC with water and apply using a hand pressurized or power operated sprayer, such as

Actisol® or similar equipment. For outdoor broadcast application, apply as a coarse spray or with conventional hydraulic boom-type sprayer or other suitable equipment. Shake container well before using.

Dilution Instructions:

- add half the water to the spray tank;
- add Delta 4.75% SC as specified in the appropriate application rates table;
- agitate well;
- add the remaining water slowly to avoid excess foam;
- thoroughly agitate the sprayer before using to insure proper suspension.

Note: If spraying is stopped when using a back-pack or hand-held spray equipment, reinvert sprayer before use. If spray screens are used, they should be 50 mesh or larger. Dilute Delta 4.75% SC only with water. Only prepare the spray solution when ready to make applications.

Tank Mixing: Tank mix Delta 4.75% SC with other currently registered pesticides unless prohibited by the product label. To check for product compatibility, a small volume mixing test with other products is recommended. Follow all restrictions and precautions specified on the labels of these tank-mix products.

PEST CONTROL INDOORS

Delta 4.75% SC may be applied in and around residential and non-residential buildings and structures including residential kitchens and all types of food/feed handling establishments.

Mix Delta 4.75% SC with water and apply indoors as a crack and crevice, spot or general surface treatment with hand pressurized or power operated sprayers or other suitable equipment.

For residential buildings and structures - apply only as a crack and crevice or spot treatment.

Approved use sites include, but are not limited to, the food/feed and non-food/non-feed areas of:

Aircraft (cargo only)	Industrial buildings
Apartment buildings	Installations
Bakeries	Kitchens
Bottling facilities	Laboratories
Breweries	Mausoleums
Buses	Meat, poultry & egg processing & packaging plants
Cafeterias	Mobile & motor homes
Candy plants	Nursing homes
Canneries	Offices
Dairy product processing plants	Railcars
Food manufacturing plants	Restaurants
Food processing plants	Schools
Food service establishments	Ships & vessels
Granaries & grain mills	Trailers
Hospitals	Trucks
Hotels	Warehouses
Houses	Wineries

Crack and Crevice: Apply Delta 4.75% SC spray mixture to cracks and crevices in and around baseboards, floors, walls, appliances, areas around water and sewer pipes, and other voids with a low pressure system using a pinpoint or variable pattern nozzle.

Spot Treatment: Apply Delta 4.75% SC as a spot treatment in and around cupboards, and between, beneath and behind equipment or appliances using a low pressure system with fan-type nozzle.

To control of carpet beetles, fleas and ticks indoors: Apply as a coarse, low pressure crack and crevice spot treatment to problem areas and infested habitats.

Note:

- Do not treat entire area of floor, carpet or floor coverings.
- Do not apply as a space spray.
- Application to furniture should be restricted to areas where prolonged contact by humans will not occur.
- Care should be taken to limit spot treatment to pet beds and infested floor coverings.

Application Rates			
Pests	Concentration of Active Ingredient ¹	Dilution Rate ²	Use Instructions
ants, carpet beetles, firebrats, fleas, gnats, midges, centipedes, millipedes, pantry pests, silverfish, ticks (indoors)	0.01% - 0.03%w/w	0.25-0.75 fl. oz./gal 12.5-37.5 fl. oz./50 gals 25-75 fl. oz./100 gals	Apply at 21-day intervals or as necessary to maintain adequate control. Remove pets and cover aquariums and terrariums before spraying. Do not apply to classrooms when in use. Do not use in aircraft cabins.
Bees, bedbugs, boxelder bugs, fleas (outdoors), ticks (outdoors), cecid flies, cockroaches, crickets, flies (including such flies as stable, house, cluster and horseflies), elm leaf beetles, ground beetles, moths, midges, hornets, killer bees, lice, mosquitoes, Multicolored Asian Lady Beetle, pillbugs, scorpions, sowbugs, spiders, yellowjackets, wasps	0.03% - 0.06%w/w	0.75-1.5 fl. oz./gal 37.5-75 fl. oz./50 gals 75-150 fl. oz./100 gals	Treat areas that insects inhabit or where they are normally found. Use 0.25 to 1.5 fluid ounces of Delta 4.75% SC in sufficient amount of water and apply to adequately cover 1000 square feet. Do not allow dripping or run-off to occur. Under conditions of severe pest infestation, when quick knockdown and/or longer residual control is desired, use 1.5 ounces of 0.06% Delta 4.75% SC per 1,000 sq. ft.
Termites (Formosan & Eastern subterranean - localized control only)	0.06% w/w	1.5 fl. oz./ gal 75 fl. oz./50 gals 150 fl. oz./100 gals	
Carpenter ants	0.03% w/w	0.75 fl. oz./gal 37.5 fl. oz./50 gals 75 fl. oz./100 gals	

¹The specified rate for maintenance treatments is 0.01% and for cleanout treatments is 0.03%. For control of severe infestations and longer residual control use the 0.06% rate. More frequent applications may be needed on concrete surfaces.

² 0.25 fl. oz.= 7.5 milliliters

0.75 fl. oz.= 22.7 milliliters

1.5 fl. oz.= 45.4 milliliters

Structural (Premise) Pest Control

To control Cockroaches, Ants, Crickets, Silverfish, Firebrats, Centipedes, Millipedes, Cloth Moths, Earwigs, Pillbugs, Sowbugs, Scorpions and Spiders

Use Instructions: Apply as a coarse, low pressure spot or crack and crevice spray to areas that these pests are found especially dark corners of rooms and closets; floor drains; cracks and crevices in walls; along and behind baseboards; beneath and behind sinks, stoves, refrigerators, and cabinets; around plumbing and other utility installations; doors, windows and in attics and crawl spaces. Make applications to floor surfaces along baseboards and around air ducts. Allow surfaces to dry before children or pets come into contact.

Pantry Pest Control

To kill adult and manageable stages of insect pests such as Lesser Grain Borers, Grain Weevils, Flour Beetles, Saw-toothed Grain Beetles, Cigarette Beetles, Merchant Grain Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Grain Mites and Spider Mites.

Application Instructions: Apply to cupboards, shelving and storage areas. Before spraying, remove all foodstuffs, utensils, shelf paper and other objects. Allow treated surfaces to dry and cover shelves with clean paper prior to replacing foodstuffs, utensils or other items. Discard any foodstuff accidentally contaminated with any spray solution.

Crawling and Flying Insect Pests

Delta 4.75% SC controls crawling and flying insects such as flies, gnats, midges, mosquitoes, cockroaches, ants and silverfish.

Application Instructions: Use as a residual surface treatment to walls, ceilings, window screens and other resting areas inside residential buildings, as well as in and around carports, garages, storage sheds, unoccupied horse stables and pet kennels.

Ants (including Pharaoh Ants): Delta 4.75% SC may be applied to areas including where ants enter premises or live, and to trails, around doors and windows.

Bedbugs and Lice: Remove bed linens and wash before reuse. Apply Delta 4.75% SC to mattresses taking care to treat tufts, folds and edges until moist. Make application to the interior of the bed frame. Before remaking the bed, make sure the mattress is dry.

Carpet Beetles, Fleas and Ticks: Use of an IPM (integrated pest management) program should be followed. Before starting to treat, vacuum carpets, upholstered furniture, baseboards and other indoor areas where pets spend time. After vacuuming, discard the vacuum cleaner bag outside in a garbage can. Clean or replace pet bedding.

Application Instructions: Apply Delta 4.75% SC as a uniform coarse low-pressure spot or crack and crevice treatment to areas where pests are found. Limit spot treatments to pet bedding and its surrounding

area, infested floor coverings and pest habitats.

Note:

- Do not treat entire area of floor, carpet or floor coverings.
- Use a dust such as Deltadust® in areas around electrical equipment.
- Do not apply as a space spray.
- Restrict applications to furniture where no prolonged contact by humans will occur.
- Do not allow people or pets to contact treated areas until spray has dried.

Delta 4.75% SC can be used with an Insect Growth Regulator (IGR). For effective control of fleas, treatment directly to the pet with an EPA registered product for such use, as well as treating outside areas pets frequent may be required. Delta 4.75% SC can also be applied outdoors for flea control. DO NOT treat pets with this product.

Pet Kennels: Delta 4.75% SC may be applied to control crawling and flying insects in and around pet kennels. Make application as a general surface and/or crack and crevice spray. For best results, at the same time, clean the facility to be treated and use Delta 4.75% SC to treat the exterior perimeter.

Note:

- Apply only to areas of facility where animals are not present.
- Allow spray to dry before allowing re-entry of animals into treated areas.
- Do not apply to animal feed or watering equipment.

FOOD/FEED HANDLING ESTABLISHMENTS

Applications are permitted in food/feed and non-food/non-feed areas of food/feed handling and processing establishments as a general surface, spot or crack and crevice treatment to control of labeled pests,.

Food/Feed handling establishments are defined as places other than private residences in which exposed food/feed is held, processed, prepared or served. Included also are areas for receiving, storing, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) of food/feed. Serving areas where food/feed is exposed and the facility is in operation are also considered food/feed areas.

Non-Food/Non-Feed Areas: Areas include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (after packaging, canning or bottling). Treat any area that insects are observed in or where insects may enter.

General Surface Applications: Before application cover or remove all food/feed processing and/or handling equipment. After application, wash all equipment, benches, shelving and other surfaces that food/feed will contact in food/feed processing plants, cafeterias and similar facilities. Clean food/feed handling or processing equipment and rinse well with clean, fresh water. After application in bakeries, clean all food contact surfaces thoroughly with appropriate equipment.

Note:

- Do not use this application method in the food/feed handling areas of the facility when the facility is in operation or foods/feeds are exposed.
- Do not apply directly to food/feed products.

Spot or Crack & Crevice Applications: Except in federally inspected meat and poultry plants, spot or crack and crevice applications may be made while the facility is in operation provided exposed food is covered or removed from area being treated prior to application.

Note:

- Do not apply directly to food or food-handling surfaces.
- In the home, do not allow spray to contact food/feed surfaces. If it does, clean surfaces with soap and water.

STORED GRAIN

To control adults and accessible stages of insect pests such as, lesser grain borer, larger grain borer, Angoumois grain moth, Indian Meal moth, tobacco moth, dermestids, and bean weevil; also to suppress populations of granary weevil, rice weevil, maize weevil, saw-toothed grain beetle, red flour beetle, and confused flour beetle.

Directions for Treatment

Dilute Delta 4.75% SC with water for FDA approved food grade mineral or soybean oils and apply to the moving grain stream as a coarse spray to provide a concentration of 0.5 ppm of deltamethrin on the grain.

Final spray volume with water solutions - 5 gallons of liquid per 1000 bushels of grain

Final spray volume with oil solutions - Apply at oil manufacturer's rates

For water solutions, intermittent agitation is necessary. For oil solutions, constant agitation is required. For uniform treatment, use a moving grain stream.

For stored grain, apply Delta 4.75% SC Insecticide in solution at the rate of 5 gallons of solution per 1000 bushels to achieve a 0.5 ppm concentration of deltamethrin. Apply at rates as shown in the tables below:

AMOUNT OF DELTA 4.75% SC INSECTICIDE/1000 BUSHELS OF GRAIN

GRAIN	DELTA 4.75% SC INSECTICIDE TREATMENT AT 0.5 PPM		GALLONS OF DILUTE
	FL. OZ.	ML	
BARLEY	7.31	216	5
CORN	8.53	252	5
OATS	4.88	144	5
POPCORN	8.53	252	5
RICE	6.86	202	5
RYE	8.53	252	5
SORGHUM (milo)	8.53	252	5
WHEAT	9.14	270	5

Final spray volumes to treat 100 metric tons of grain at 0.5 ppm concentrations of deltamethrin are provided in the tables below corresponding to the grain being treated.

AMOUNT OF DELTA 4.75% SC INSECTICIDE/100 METRIC TONS OF GRAIN

GRAIN	DELTA 4.75% SC INSECTICIDE PER 100 METRIC TONS AT 0.5 PPM		LITERS OF DILUTE SOLUTION
	FL.OZ.	ML	
BARLEY	33.6	993	86.9
CORN	33.6	993	74.5
OATS	33.6	993	130.4
POPCORN	33.6	993	74.5
RICE	33.6	993	92.7
RYE	33.6	993	74.5
SORGHUM (milo)	33.6	993	74.5
WHEAT	33.6	993	69.5

SEED TREATMENT

Apply Delta 4.75% SC to protect stored grain seed against injury from stored grain insects listed above. Clean and treat seed storage areas prior to storage. If seed is insect infested, fumigate** to control existing populations and apply Delta 4.75% SC for residual protection. Delta 4.75% SC may also be used in conjunction with registered fungicide or other insecticide seed protectants, to protect barley, corn, oats, popcorn, rice, rye, sorghum and wheat seed during the seed treating process, and prior to bagging or placing in bulk seed storage at the rate of 0.5 ppm. When treating seed with other pesticide products, the treated seed should be properly tagged, indicating the seed should not be used for food, feed or oil purposes. Seed treated with Delta 4.75% SC alone is considered grain.

**Fumigate with EPA-registered fumigant according to manufacturer's label recommendations.

GRAIN BINS AND WAREHOUSES

Dilute 0.25-1.5 fl. oz. of Delta 4.75% SC with water to make 1 gallon of solution. Before storing or handling grain, apply finished spray to equipment, wall and floor surfaces of grain bins and warehouses at the rate of 1 gallon per 1000 sq. ft. but do not allow run-off to occur. Apply after equipment bins and buildings have been thoroughly cleaned. Empty bins or warehouses should be fumigated with an EPA registered fumigant according to the manufacturer's label recommendations as well as areas that are difficult to get into. Use Delta 4.75% SC as a perimeter treatment to prevent infestation of these structures. Apply to areas where pests are seen or may find entrance. Treat a band of soil or lawn up to 6-10 feet wide around and adjacent to structures and treat the foundation to a height of 2 to 3 feet. Mix 0.25-1.5 fl. oz. of Delta 4.75% SC with water to make 1 gallon of solution. Apply as a coarse spray at a rate of 1 gallon per 1000 sq. ft. Thoroughly and uniformly wet the barrier area but do not allow run-off to occur.

PEST CONTROL OUTDOORS

Apply Delta 4.75% SC as a perimeter treatment, residual spray or broadcast application to lawns, grounds and ornamental plantings.

Apply as a perimeter treatment or residual spray around residential and non-residential settings. Treatments should begin at the first sighting of pests.

Residual Spray: Apply Delta 4.75% SC as a coarse low-pressure spray at the rate of 0.75 to 1.5 fl.oz.to surfaces of buildings, porches, screens, window frames, eaves, patios, refuse dumps, garages and lawns.

Perimeter Treatments: For best results, apply Delta 4.75% SC to areas where pests are seen and may

find entrance. Treat a band of soil or lawn up to 6 -10 feet wide around and adjacent to buildings and treat the building foundation to a height of 2 to 3 feet. Apply as a coarse spray at the rate of 0.25 to 1.5 fl. oz. of Delta 4.75% SC in sufficient amount of water. (See Mixing Directions for Perimeter Application below). Use an adequate volume to thoroughly and uniformly wet the barrier area but do not allow run-off to occur.

MIXING DIRECTIONS FOR Delta 4.75% SC -OUTDOOR PERIMETER APPLICATION

I. Delta 4.75% SC DILUTION (0.25 oz. /1000 sq. ft.) - (Based on one home being 1,000 sq. ft.)

Tank Size	15 Gallon		25 Gallon		50 Gallon		100 Gallon	
Finished Spray: Gallons Per 1000 sq. ft	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*
1	3.75	15	6.25	25	12.50	50	25.00	100
3	1.25	5	2.08	8	4.17	16	8.33	33
5	0.75	3	1.25	5	2.50	10	5.00	20
10	0.37	1.5	0.63	2.5	1.25	5	2.50	10

*Based on Delta 4.75% SC applied at 0.25 ounces per 1,000 square feet treated per home or structure.

II. Delta 4.75% SC DILUTION (1.00 oz. /1000 sq. ft.)

Tank Size	15 Gallon		25 Gallon		50 Gallon		100 Gallon	
Finished Spray: Gallons Per 1000 sq. ft.	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*	Delta 4.75% SC Per Tank (fl. oz.)	Homes Per Tank*
1	15.0	15	25.0	25	50	50	100.0	100
3	5.0	5	8.4	8.3	16.70	16.7	33.3	33.3
5	3.0	3	5.0	5	10.0	10	20.0	20
10	1.5	1.5	2.5	2.5	5.0	5	10.0	10

*Based on Delta 4.75% SC applied at 1.00 ounce per 1,000 square feet treated per home or structure.

Fleas and Ticks: To control fleas and ticks, make application of Delta 4.75% SC as a coarse wet spray. Treat dog houses, kennels, run areas, cracks and crevices in sidewalks, patios, areas under plants, shrubs, bushes, trees, or other moist, shaded areas where pests are known to rest.

Fire Ants: Dilute 1.5 oz. per one gallon of water and apply Delta 4.75% SC as a drench treatment. Gently sprinkle 1 to 2 gallons of the diluted insecticide over the surface of each mound and surrounding area to a 2-foot diameter. Best results are obtained when applied in cool weather, 65 to 80°F or in early morning or late evening hours. Treat new mounds as they appear. Pressurized sprays may disturb the ants and cause migration, reducing product effectiveness.

Wood-Infesting Insects: For control of **wood-infesting beetles** on surfaces in homes and other structures, apply a 0.06% suspension of Delta 4.75% SC. Brush or spray the suspension evenly on wood surfaces to treat small areas. Use a coarse spray to treat large or overhead areas of homes, apartment buildings, etc., and thoroughly cover the area. Before spraying, cover all surfaces below the treatment area with plastic sheeting or other material. After spraying, dispose of the plastic sheeting or other material in the trash. Allow surfaces in the treated area to dry completely before coming into contact.

Note: Do not apply Delta 4.75% SC until the location of heating or air conditioning ducts, vents, water and sewer lines and electrical conduits are identified. Once known, applications may be made around these structures, however, be careful to avoid contamination of these structures and airways.

For control of **above-ground termites and wood-infesting beetles** in localized areas, apply a 0.06% suspension or sufficient volume of foam of Delta 4.75% SC to voids and galleries in damaged wood and in spaces between wooden structural members and between the sill plate and foundation where wood is vulnerable. Applications may be made to inaccessible areas by drilling and then injecting the suspension or foam with a suitable directional injector into the damaged wood or wall voids. All treatment holes drilled in construction elements in commonly occupied areas of structures must be securely plugged.

To control **termite carton nests** in building voids and trees, inject a 0.06% suspension or foam using a pointed injection tool. Multiple injection points to varying depths may be necessary. For best results, remove carton nest material from building voids and trees when nests are found. Termite carton nests in trees may be injected with 0.06% suspension or foam using a pointed injection tool.

To control **exposed worker and winged reproductive forms of termites**, applications to attics, crawl spaces, unfinished basements, or man-made voids may be made with a coarse fan spray of 0.06% suspension. For control of **swarming or reproductive stages of termites**, apply a 0.06% suspension to the swarm or area on which they collect. Delta 4.75% SC will kill **workers or winged reproductive forms** present at the time of treatment. These applications are supplemental only, and do not take the place of mechanical alteration, soil treatment or foundation treatment.

For control of **above-ground termites and carpenter ants** inside trees, utility poles, fencing and decking materials and similar structures, locate the infested area by drilling then inject 0.06% suspension or foam using an appropriate treatment tool with a splashback guard.

For protection of firewood from **carpenter ants and termites**, before stacking firewood, treat the soil underneath with a 0.06% suspension at 1 gallon per 8 square feet to prevent infestation. DO NOT treat firewood with this product.

For control of **carpenter ants** in houses and other structures, use a 0.06% suspension and apply as a general surface, spot, crack and crevice or wall void application using coarse spray or foam to thoroughly cover the treatment area. Make application around doors and windows and any other areas where carpenter ants may gain entrance. Apply as a spray or foam into cracks and crevices, and drill small holes into voids where ants or nests may be present. Do not apply more than 1 gallon of dilute suspension per 1000 square feet of treated surface.

For control of **tunneling carpenter ants** in soil, apply a 0.06% suspension as a drench or inject the suspension or foam at 8 to 12 inch intervals. Create a uniform vertical barrier at the edge of walls, driveways or other hard surfaces where ants are tunneling beneath the surfaces.

For control of **carpenter bees** in structures, apply a 0.06% suspension or sufficient volume of foam directly into gallery entrance holes. Leave the entrance holes open for 24 hours to make sure that returning adult bees are killed. If no activity is visible, use an appropriate sealant to seal the hole.

Foam Application: To treat structural voids for the control of insect and arthropod pests in walls, under slabs or in other void areas, convert Delta 4.75% SC to a foam by mixing the end-use dilution of Delta 4.75% SC with the manufacturer's recommended volume of foaming agent. Use the rate as recommended

for a suspension treatment converted to a foam to get the correct foam expansion ratios. Before treatment check to make sure that the foaming agent is compatible with Delta 4.75% SC.

TURFGRASS APPLICATIONS

Delta 4.75% SC controls listed insects on turfgrasses and ornamental plants in outdoor areas such as athletic fields, recreational areas, residential landscapes, parks, and public and commercial sites. Make application when insects first appear ensuring uniform coverage.

Apply as a broadcast application using a minimum of 2 gallons of water per 1000 sq. ft. with a hydraulic boom-type sprayer or other suitable equipment for turfgrass pests. Follow the specified rates listed in the Application Rates for Turfgrass Sites table. Use higher volumes (4 to 10 gallons of water per 1000 sq. ft.) for areas of dense turfgrass and/or where turfgrass is mowed at greater heights. Control is achieved when the insecticide contacts the target pest. For best results on surface-feeding insects, do not irrigate or mow within 24 hours after application. For subsurface-feeding insects, apply 0.25 to 0.5 inch of water immediately after application. Do not allow people or pests into the treatment area until turfgrass has dried.

Tank Mixing: Delta 4.75% SC may be tank-mixed with other pest control or fertilizer products. Observe all restrictions, precautions and limitations appearing on the tank-mix partner label. To check for compatibility with Delta 4.75% SC, mix a small test sample of the products in the correct proportions with water in a quart jar. The use of silicone surfactants in tank mixtures with Delta 4.75% SC may enhance the control of some insects.

NOTE: In New York State, product may not be applied to turf within 100 feet of a coastal marsh or stream that drains directly into a coastal marsh. For control of turf insects in New York, a second application may be made after two weeks if target insect activity persists.

Application Rates For Turfgrass Sites			
Sites	Pests	Rates	Use Instructions
Athletic fields, recreational areas, lawns & grounds, residential areas, parks, public and commercial sites	Ants, armyworms, centipedes, chiggers, cockroaches, crickets, cutworms, fleas(adult), grasshoppers, ground beetles, Japanese beetles (adults), leafhoppers, mealybugs, pillbugs, scorpions, sod webworms, sowbugs, springtails, spiders, ticks	0.4 to 0.6 fl. oz./1000 sq. ft. or 17.5 to 26 fl. oz./Acre or 0.06 to 0.08 lb. ai/A	Apply at first sign of pest presence. Apply as a broadcast spray in a minimum of 2 gallons of water per 1000 sq. ft. For best control of surface feeders such as cutworms and webworms, do not water or mow for 24 hours after application. For subsurface-feeders, such as mole crickets, apply 0.25 to 0.5 inch of water immediately after application. The use of silicone surfactants in tank mixtures with Delta 4.75% SC may enhance the control of some insects.
	Annual bluegrass weevil (adult), billbugs (adult), black turfgrass ataenius (adult), chinch bugs, mites*, mole crickets.	0.6 to 0.9 fl. oz./sq. ft. or 26 to 39 fl. oz./Acre or 0.08 to 0.13 lb. ai/A	

*Suppression Only

LANDSCAPE ORNAMENTAL TREATMENTS

Use Delta 4.75% SC to control the listed insects when applied as directed in the Application Rates for Ornamentals table below. Mix the Delta 4.75% SC with the required amount of water and apply as a finished spray to upper and lower leaf surfaces to ensure thorough coverage, but not to the point of run-off. Make sure to apply sufficient product to wet the leaves, trunk and branches of ornamentals.

Note: Similar formulations have been tested on many species of ornamental plants with good results, but if local use information in this product is not available, it is recommended to pre-spray a few plants to check for compatibility.

Application Rates for Ornamentals:			
Sites	Pests	Rates	Remarks
Landscape ornamentals including trees, shrubs, evergreens and foliage plants	Adelgids, ants, aphids, azalea lace bugs, bagworms, boxelder bugs, cankerworms, cardamom thrips, cockroaches, crickets, elm leaf beetles, elm spanworms, European pine sawflies, fall webworms, flea beetles, flies, fungus gnats, grasshoppers, greenstriped mapleworm, Gypsy moth (larvae), imported willow leaf beetles, Japanese beetles (adults)*, June beetles (adults), lace bugs, leaf-feeding caterpillars, leafhoppers, leaf rollers, loopers, leaf skeletonizers, mealybugs, midges, mimosa webworms, mites**, orangestriped oakworms, pillbugs, pine shoot beetles, pine tip moths, pinyon spindlegall midges, plant bugs, redhumped caterpillar, red imported fire ants, sawfly larvae, sowbugs, spiders, springtails, spanworms, scale insects (crawlers), tent caterpillars, ticks, webworms, yellownecked caterpillar	4 to 8 oz./100 gallons of water	Apply at first sign of pest presence. Thorough coverage is required for best results. Apply with sufficient water to ensure coverage of upper and lower leaf surfaces.

*Will provide anti-feedant properties on treated ornamentals against Japanese beetles.

**Suppression only.

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Mix as needed. Store in original container in a secured dry storage area. Avoid extremes in temperatures. Prevent cross-contamination with other pesticides and fertilizers. If the container is leaking and/or material is spilled, on floor or paved surfaces, absorb on sawdust or other commercially available absorbing material, sweep up and remove to chemical waste area for your disposal. Concentrate is stable at normal storage temperatures.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Refillable containers: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. If not returned to the point of purchase or to the designated location, triple rinse emptied container and offer for recycling. Disposal of this container must be in compliance with state and local regulations.

When this container is empty, replace the cap and seal all openings that have been opened during use; and return the container to the point of purchase or to a designated location named at the time of purchase of this product in a bulk container. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn-out threads and closure devices. Check for leaks after refilling and before transporting. Do not transport if this container is damaged or leaking.

To clean the container before final disposal, empty the remaining contents from the container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond Control Solutions, Inc.'s control, it is impossible for Control Solutions, Inc. to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: CONTROL SOLUTIONS, INC. MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT CONTROL SOLUTIONS, INC.'S ELECTION, THE REPLACEMENT OF PRODUCT.